NEWS AT HOME

Agent Orange Plan Blocked 5

BASF, Degussa Venture 4 Big Three Lawauit 'Frivolous' 4 Carbide Continues Divestiture 3 Chemical Distributors 5 Chemical income Up this Year 9 Constal Battle Continues...... 7 Cyanamid Barge Struck...... 4 Dow Sees Lower Mortality Rate EPA Still Using Guideline..... Emery Appoints La Magna 4 Exxon Names Raul 5 Goodrich Expands VC Unit 4 M&T Appoints Litow 4 Olin Acquires Distributor 4 Owens-Coming Restructuring 7 Penco Cialms Inroads..... 4 Pfizer Enters New Sweetener..... 7 Pfizer Unit to Start Up 4 Plastic Molding Industry Sought.... 7 Revion Bids for Frigitronics..... 4 Schering Pursues Cases 9 Superfund increase Unlikely..... 5 TFI Rebuts Coal Rates Usage 9 VCM Rates Rising 3

NEWS ABROAD

Air Products Process to be Used... 4 Crude Prices Affecting Market.... 3 DSM C9 Cracker Starts Up...... 4 ICI Ammonia to be Used... Sulfuric Survives Strike 7 Thermoplastic Demand Up 5

THE MARKETS

AGRICULTURAL CHEMICALS	46
ALIPHATIC ORGANICS	. 15
AROMATIC ORGANICS	13
COATING MATERIALS	43
DRUGS	18
FINE CHEMICALS	18
FLAVORING MATERIALS	26
HEAVY CHEMICALS	48
OILS, FATS & WAXES	11
PERFUME MATERIALS	56
PLASTIC MATERIALS	4

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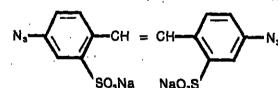
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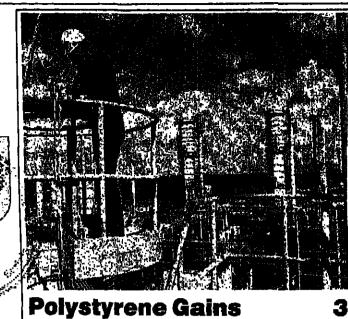


CHEMICAL MARKETING

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INSIDE CMR

PREVIEWING THE 'K': The Big Three German chemical copanies have their plans well in hand for trienniel plastics show in Dusseldorf Page 3

TOXIC WASTE: Recycling is seen as the only way to escape a "orlm treadmill" by environmentalists. Twenty states take the lead..... Page 5

PHOSPHATE OUTLOOK: Analysts say that despite current lackluster demand and poor pricing the US phosphate picture should improve ... Page 7

CETUS EXPANSION: The blotechnology company will form a wholly owned subsidiary no make and market therapeutic products in Europe.. Page 19

OTHAZARDS: Dr. Irving Sekoff urges legislators to apnove proposed law to require

GRMENTA SALE: Moninto sets a deadline for acquiition of Swedish concern. The an company says it has alterive on standby ... Page 3

AS SEPARATORS: Monto unit introduces separalors said to be 200 to 400 perant more efficient than current Page 7

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CHEMICAL MARKETING REPORTER

Bayer, Hoechst Preview 'the K'

Kunststoffe '86, the week-long, international plastics and rubber trade show at Dusseldorf in West Germany isn't scheduled to officially open its doors until November 6, but the "Big Three" German chemical producers have their plans for the triennial event pretty well firmed up.

Bayer AG and Hoechst AG have already outlined their progress since K '83 at press previews in Leverkusen and Frankfurt and given trade press editors a taste of what lies ahead. Next week, BASF AG will unveil its new polymer products and applications at a similar event in Ludwigshafen.

Bayer chairman of the board of management, Hermann J. Strenger, told reporters gathered at the company's Leverkusen headquarters that in the company's view high-performance plastics have the best market prospects for the future.

In 1990, for example, Bayer expects world consump-

tion of engineering thermoplastics to reach 4.7 million metric tons, up from 4.2 million last year, while consumption of polyurethanes is projected to grow to 4.5 million tons from 3.6 million during the period.

Dr. Kurt Weirauch, head of application technology for Bayer's plastic group, agrees that engineering thermoplastics have taken on special importance for Bayer as well as for the industry. The company now offers eight different engineering thermoplastics in a total of more than 200 grades.

Dr. Weirauch says consumption of engineering thermoplastics in Europe alone totaled 1.2 million tons last Continued on Page 33

The first large bridge to be reinforced with 'Polystai,' a high tensile strength glass fiber composite made by Bayer AG, was opened to traffic in July in Dusseldorf. The material boasts lower elastic modulus than tensioned steel, is highly elastic and resists



Montedison Sets Deadline For Fermenta Agreement

Montedison SpA, the Italian chemical glant, sald last week it would pursue an 'alternative" acquisition if an agreement is not struck by November 30 assuring the company eventual control of Fermenta, the Swedish chemicals and pharmaceutical concern.

At a shareholder meeting in Milan last week, Mario Schimberni, chairman of Montedison, said the company had an "equiv-

alent" acquisition on standby.

Montedison has said it would pay \$340 million for the controlling interest in Fermenta held by Refaat El-Sayed, Fermenta's chief executive officer, Mr. El-Sayed holds 6 milllon Fermenta A shares and 11.35 million B shares, giving him a 76.5 percent voting con-

According to the concerns of Fermenta's labor unions, Montedison agreed in concept to a plan, under which it would initially acquire only part of Mr. El-Sayed's holding. After a transition period, during which Mr. El-Sayed would remain chief executive of Fermenta, his remaining shares would be

Last week, it was reported that Mr. El-Sayed had reached agreements to sell a total of 3 million A shares of Fermenta to three separate Swedish investment institutions, with two of the agreements including buy-

to the Swedish stock exchange, raising the possibility that the company could be ex-

pelled from the exchange.

Montedison, meanwhile, said it would not negotiate with the institutions on the acquisition of Fermenta shares. "We are negotiating only and purely with Mr. El-Sayed," a Montedison spokesman in Milan said last week.

The Montedison spokesman said the company's objective was to acquire Mr. El-Sayed's entire holding. He did not rule out the possibility that Montedison would agree to acquire a lesser controlling stake, but he also stressed that the company's \$340 million offer would also be reduced accordingly.

While Montcdison has accepted the notion of a gradual attainment of control over Fercording to its spokesman, who added that the Italian firm would not accept "any limitation of our entrapreneurial control" over Fer-

Mr. Schimberni said last week that he was setting the November 30 deadline to avoid a sustained period of uncertainty regarding

He also said an agreement was needed by then in order to allow time for Montedison to prepare plans to integrate Fermenta's agribusiness and pharmaceutical operations with those of Montedison. Montedison According to published reports, Mr. El-Sayed provided misleading information tion plans in store for Fermenta.

Chemical Marketing Reporter

Polystyrene Demand

of a gradual attainment of control over Fermenta, the company insists that the transition period must be "very, very rapid," according to its gradual attainment of control over Fermenta, the company insists that the transition period must be "very, very rapid," according to its gradual attainment of control over Fermenta, the company who added that the Despite declining demand in certain dividually. Last week, spokesmen for

segments of the polystyrene market, sources report that growth in extrusion and molding segments has exceeded producers' hopes, outstripping even the most optimistic predictions for the mar-

Where earlier in the year, most producers and analysts projected a 4 to 5 percent overall growth in extrusion and molding overall growth in extrusion and molding market size, driven by packaging and container segments (CMR, 2/3/86, pg. 29), demand for general purpose and high impact molding and extrusion grades alone reportedly shot up 11 percent during the first half of 1986, in a total market (including EPS and compounding segments) which has shown 8.1 percent growth through June.

Despite strong demand, profitability has

Despite strong demand, profitability has been a problem in this market, producers explain, particularly in light of depressed raw material costs. Low cost, one of the resin's most attractive features, has enabled it to capture markets previously dominated by other materials, allowing it, for example, to take over the disposable package business at the expense of paper, but has also served to keep polystyrene profit margins low for years. Discounting, combined with falling decline by a total of 10 cents per pound since

decime by a total of pg. 30).

1984 (CMR, 6/2/86, pg. 30).

Despite thinner-than-usual profit margins, which persisted after falling crude oil prices. which persisted after falling cride oil prices depressed raw material values early in the year, industry operating rates have been high, in response to strong demand in the molding/extrusion segments. Industry-wide capacity utilization is quoted as being well over 90 percent.

Faced with healthy demand prospects, regligible profits, and the head to maintain

Faced with healthy demand prospects, negligible profits, and the need to maintain present production rates, all major US producers plan to raise selling prices for general purpose and high-impact molding and extrusion grades of solid polystyrene by 3 cents per pound effective October 1.

Dow Chemical Company led the move to

Chevron Chemical Corporation, Huntsman Chemical Corporation, Polysar Inc., Amoco Chemical Corporation, and Arco Chemicais Inc. have indicated that their firms will be going along with the increase.

Prices for EBP (expandable bead polystyrene) grades and flame-resistant grades will not be affected, they say, nor will list prices for the grades involved.

The price hike should move selling prices

for general purpose crystal into the 35 to 40 cents per pound range and those for high impact grades to a range of 37 to 42 cents per pound, sources report.

Earlier attempts to raise polystyrene Continued on Page 35



Cyanamid Isocyanates Based On a Non-Phosgene Route

has begun building a \$20 million required. aliphatic isocyanate production facility in Willow Island, W.Va. The plant, which (TMXDI) and isopropenyl dimethybenzyl isocyanate (TMI) without using phosgene as a raw material.

A company spokesman says Cyanamid's isocyanate process is derived from "cracking a trethane material." All other US isocyanate producers use phosgene as a precur-

Cyanamid's products will compete against index cyanate, hexamethylene di-isocyanate (HDI), which was developed by Mobay's parent company Bayer, AG, and Nuodex's isophorone di-isocyanate (HDI), produced by sophorone di-isocyanate (IPDI), produced by its German parent Huels AG. A Mobay offi-

American Cyanamid Company says it sion resistance and chemical resistance is

Steve Crum, general manager of Cyanamid's urethane chemicals and elastomer department, says the non-phosgene is due on stream in mid-1987, will produce tetramethyl xylene di-isocyanate use lower cost raw materials than conventional processes, and avoids the "environ-mental concerns" associated with phospere. The company declines to say exactly how large the facility will be, referring to it only as a multi-million pound source of material.

The plant marks Cyanamid's first venture The plant marks Cyanamid's first venture into isocyanate production, but the company is well-positioned in a number of related fields. The company produces and markets polyurethane elastomers derived from isocyanates, and is also well established in the coatings market through the production of melamine cross-linking resins.

In addition to selling its aliphatic isocyanates to the protective coatings market, cyanates to the protective coatings market, the elastomers market and is keenly interpretable to the protective coatings market, it is aligned to the protective coatings market, cyanamid plans to sell. TMXDI and TMI to the elastomers market and is keenly interpretable.

cial says the current market for aliphatic because stands at 30 million pounds per stell in the resction injection molded/auto sion grades of solid polystyrene by 3 cents of purpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers market and is keenly interpose sind high-impact molding and extra-time elastomers of solid polystyrene by 3 cents per pound effective October 1.

Dow Chemical Company led the move to interest an one for the move to interest and other publicly two weeks ago. Mobil and American publicly

Job Hazard Warning Urged For Workers by Dr. Selikoff

An early warning system for workers whose health has been put at risk by on-the-job exposure to hazardous substances can save lives and should be created, an occupational disease expert has told Congress. Dr. Irving Selikoff urged House members in a letter to approve the High Risk Occupational Disease Notification and Prevention Act, a bill that would establish a Federal program to identify specific worker populations at high risk of dis-

ability and death from diseases caused by exposure to toxic substances in the workplace,

The House is expected to vote on the measure this month. A similar bill is pending in the Senate Labor and Human Resources

The legislation, which is backed by labor unions but opposed by the chemical industry, would also make medical testing and coun-seling available to workers in the high risk

category.
Chemical Manufacturers Association and National Association of Manufacturers have testified against the proposals, arguing they would duplicate efforts of other governmental agencies while imposing new, costly bur-

Dr. Selikoff told the lawmakers there is a growing identification of cancer with occu-

He cited studies that linked liver cancer to exposure to vinyl chloride, bladder cancer to benzidine used in dye plants, mesothelioma from exposure to asbestos and several other

Dr. Selikoff noted that since most cancer is environmental in origin, the ideal solution would be prevention. But he emphasized that early awareness of the risk can help many exposed workers minimize the risk of contracting cancer.

Continuing medical surveillance of high risk groups, another feature of the legislation, can assure early detection and treat-

Carbide Signs Letter On Acetic Plant Sale

Union Carbide Corporation has signed a letter of intent for the sale of the assets of its Brownsville, Tex., chemical manufacturing facility to R.I.O. Systems, Inc., an industrial development corporation based in

The agreement is expected to become final by the end of this year. Proceeds of the sale will be used to reduce corporate debt.

Under terms of the sale, UnionCarbide will have an option to restart an acetic acid production unit on the site.

Union Carbide operated at the Brownsville site from 1958 to 1983.

Fluorocarbons Output Rising

The 1985 production of chlorofluorocarbons 11, and 12 increased from 1,631; million pounds (694,000 thousand metric tons) in 1984 to 1,550 million pounds (703,200 thousand metric tons) in 1985, according to a recent report prepared by GrantThorpton and Company.

The production figures are reported to GrantThornton by 21 companies in North America, South America, Western Euope, Japan, Australia, Africa, and India. Vineteen of these reporting companies fund the Fluorocathon Program Panel (FPP) of the Chemical Manufacturers Asprogram of research on the potential atmospheric effects of CFCs and also sponsors this annual report. Grant Thornton and Company, an independent accounting firm, compiles the figures from confidential reports submitted by the reporting

No estimates have been made of world production since 1983 due to lack of information on recent CFC production in the USSR, Eastern European countries, and the People's Republic of Chins, FPP and other organizations are continuing their efforts to obtain this information.

Polyester Facility Slated for Pakistan

Gatron Industries Ltd. (Karachi) has awarded Zimmer AG a contract to build a polyester plant at Hub Chowky, Pakistan. The contract value amounts to around \$12

The plant, which will incorporate Zimmer's continuous polycondensation process technology and use pure terephthalic acid and ethylene glycol as feedstocks, is designed for a production of 32 tons of polyester chips

Most of these chips will be used by two polyester-POY high speed spinning plants earlier built by Zimmer and which were commissioned in 1984 and 1986, respectively.

Davy McKee's Frankfurt engineering and construction company will supply the process and know-how, the entire engineering and the equipment and will be responsible for the supervision of erection and start-up that is neduled for the second half of 1988.

Terpene Phenolics Expanded by RCI

The Newport Division of Reichhold Chemicals, Inc. has doubled its production capacity for terpene-phenolics to 20 million pounds with the opening of a fully automated plant in Pensacola, Fla., that will produce a line of terpene-phenol resins, including its recently improved "Nirez V-2040" resin, primarily for adhesives applications.

The plant, said to be one of the first microprocessor controlled terpene-phenolic plants, is controlled by a Foxboro Spectrum Process Control computer operated by one

The computer control valves, temperature and temperature pressure flow.

Automation extends throughout the plant. including a modern flaker belt that carries the liquid resins as they solidify and go into the packaging operation.
"Recent technological advances in the ad-

hesives industry have resulted in significantly improved products and processes, creating unique opportunities for producers with plants that capitalize on the latest and most efficient technologies," according to Ellis Fleming, director of manufacturing for

Generics Reporting Formalized by EPA

Environmental Protection Agency's toxic substances office has proposed a rule that will establish predictable generic reporting and recordkeeping requirments applicable to all chemicals and also initiates a new standardized industry reporting form that can be adapted to specific substances.

The Comprehensive Assessment Information Rule (CAIR) should reduce duplicative reporting by industry, familiarization time by businesses in understanding and respond ng to information requests from government. The rule should also reduce EPA resources needed to develop informationgathering rules and process the reported data, the agency says.

In addition to the model rule, EPA is also proposing information requirements for 46 chemicals.

However, the agency says since it expects to add other chemicals to the rule in the future, any chemical manufacturer, importer or processor is potentially subject to

EPA also says it is offering the use of CAIR: to other Federal agencies for their information-gathering needs,

J. Murfee Butler, who has been appointed group operations officer of W.R. Grace & Co.'s indus-

operations officer of w.h. Grace a Co. a moun-trial chemicals group, with responsibility of the newly-formed interamerican Division. This divi-sion is the result of a combination of the formerly separate Pacific and Letin American specialty chemical operations.

Grace Reorganizes In Pacific, S. America

W.R. Grace & Co. has reorganized its Pacific and Latin American specialty chemical operations into two divisions — the Pacific Division and the Interamerican Division. Previously, these businesses had operated as the Pacific-Interamerican Division.

J. Murfree Butler, a senior vice-president of Grace, has been appointed a group operations officer of the company's Industrial chemicals group, with responsibility for the Pacific and Interamerican divisions. Laurence R. Veator, Jr. will serve as president of the Pacific Division and Antonio R. Ferre will become president of the Interamerican

In commenting on the reorganization, Robert W. Samuels, a Grace executive vicepresident and head of the company's specially chemical operations, said, "This decision recognizes the vast geographical esponsibility of the Pacific and Latin American regions. Our aim is to better concentrate urces in the two different areas."

Industrial Gas Plant Supplied to Japan

Air Products & Chemicals, Inc., has signed a contract with Nippon Steel Corporation for the supply of cryogenic technology and process equipment, technical assistance and start-up services for a new air separation facility at Nippon Steel's Yawata Works in Tobata, Japan.

Nippon Steel's plant and machinery divi-sion (PMD) will work with Air Products on the project, supplying additional equipment and construction services.

The facility, scheduled for start-up in the second half of 1987, will produce 25,000 normal cubic meters per hour (950 tons per day)

of high-purity oxygen, nitrogen, and argon.

The oxygen, nitrogen and argon will be used for steel production at the Yawata works. Part of the argon product will also be III a Mippon Steel subsidiary for electronics manufacturing. The contract marks the first time a US industrial gas company has supplied cryogenic air separation equipment to a major third-party user of industrial gases in Japan.

Interleukin-2 Patent

Interleukin-2 Inc. says the European Patent Office has approved its patent covering a proprietary process for the manufacture of interleukin-2. According to the company, the European patent covers Interleukin-2's technology in the UK, France, West Germany, Switzerland, Austrie, Italy, Sweden, Holland and Liechtenstein

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Recycling Is Seen As Only Way to Go The US will not escape the "grim

SOLVENT RECLAMATION: The recycling of chemicals is a growing business in the chemical industry, whether or not the government acts to encourage it by establishing tighter regulations.

Dinoseb Risk Seen Threat By US Agency

Environmental Protection Agency is warning that exposure of pregnant women to the pesticide dinoseb during its application in the field may pose a risk of birth defects to their unborn children. The agency adds that dietary exposure to the chemical is not of concern.

EPA says there are 80 registrants of dinoseb, both US and foreign, including Uniroyal Chemical Company, Vertac Chemical Corporation, Hoechst A.G., Baird and McGuire, S.H. Marks Company Nitrogen Import, Universal Crop Protection Ltd., S.N.P.E., and Combinatal Chimic Fararar.

The product, which is primarily a contact herbicide used to control broadleaf weeds, is sold under a variety of trade names, including "DNBP," "DNOSBP," "Dinitro," "Caldon," Kiloseb, "Nitropone C," and "Unicrop

"Today's announcoment is primarily almed at making sure that the agricultural community in particular understands the health risks associated with the exposure of women to dinoseb. EPA will be taking appro-

Continued on Page 17

Oxy Completes Its Diamond Buy For \$850 Million

Occidental Petroleum Corporation announced last week that it has completed the acquisition of the Diamond Shamrock Chemicals Company. A spokesman for Oxy says the purchase price came to \$850 million, which includes \$110 million in assumed debt. The purchase covers Diamond's Industrial

Chemicals Division, Soda Products Division, Process Chemicals Division and Cogeneration facilities. The combination cataputs Ory into market leadership in the postassium hydroxide business, a position aiready held by Diamond Shamrock. Occidental had formed a partnership with the financial

the financial compar Lambert Inc. in May to buy Shamrock's chemical assets. However, during negotia-tions this Summer the deal was restructured so that Oxy became the sole buyer of the unit.
According to an Occidental spokesman, the new arrangement will make the purchase more efficient. for Oxy, He did not elaborate, although he did add that Drexel will remain as financial advisor to the deal.

Ory says it will finance the purchase by obtaining short term financing for the \$740. obtaining short term financing for the 3740 million cash portion of the purchase price, of until long term project financing can be arrived to occidental reliterated that it may sell chemicals "If they do not fit Occidental's firstegy for its chemical operations."

but efforts to enforce those requirements

treadmill of disposal and cleanup" of toxic waste until it expands efforts to ties complements a January report by anrecycle hazardous substances, environmentalists said last week.

Twenty states have begun or are planning efforts to recycle a variety of hazardous materials to reduce the amount of toxic waste generated by their industries, the Environmental Defense Fund said in a report.

"The leadership in this area is coming from the states," said David Roe, an author of the study. "The Federal government is far behind. It's not good enough just to stay on the grim treadmill of disposal and cleanup, and make no effort to slow it down."

As an example, Mr. Roe cited California, where 92 percent of all used dry cleaning fluids are now recycled by new businesses formed specifically for that purpose. He suggested similar efforts would be suc-

cessful for other products and in other states. There's no reason why that experience can't be replicated with paint shops and auto body shops." Mr. Roe said. Federal programs, including superfund

toxic waste cleanup operations are necessary, but not adequate to solve the problem. said Linda Greer, a scientist with EDF.

She said Federal law requires companies to reduce their output of hazardous waste, hazardous waste being generated.

have been weak.

The EDF report on state recycling activiother environmental group, Inform, which found that few chemical companies were changing plant processes and equipment to reduce the generation of waste, but those that did often found unexpected financial bene-

The Inform report, said Mr. Roe, was "ahead of anything the Federal government ever did." He added that while there is no concensus among experts as to what the Federal role should be, there is "an enormous role for information gathering."

US industries generate more than 290 million tons of hazardous waste yearly, according to a 1981 survey by Environmental Pro-

Amendments passed by Congress in 1984 to the Resource Conservation and Recovery Act are gradually tightening requirements, bringing more small companies under it and making it much more difficult to use landfills to dispose of hazardous waste.

The RCRA amendments were intended to promote permanent hazardous waste treatment technologies such as resource recovery and recycling, and to reduce the amount of

Borg-Warner Markets Alloy

duced its first commercial grade of ABS/ nylon polymer alloy. "Elemid" RM1. which will compete directly with Monsanto's "Triax" line. Borg-Warner says the alloy is based on new patented technology that has been under development for the past five years, and is designed for use in the automotive, electronics, agricultural and industrial appliance mar-

At its annual "Thermoplastics Update" in New York City last week, the firm also announced that it would start marketing a new automotive grade of "Prevex" polymer, as well as six new blow-molding "Cycolac" and "Prevex" polymer products.

The new alloy is said to combine the best of both nylon and ABS synergistically, displaying nylon's outstanding

shrinkage. Borg-Warner claims that its excellent flow characteristics will make the alloy very attractive for molding applications where flow and surface requirements are crucial, such as large structural parts.

The company's new automotive product, "Prevex" W20, a high flow, highimpact, heat-resistant material, should find applications in automotive interior trim parts and instrument panel components. It joins Borg-Warner's automotive polymer line, which includes "Prevex" W30, W40, W50 and W70," and is listed at \$1.14 per pound, truckload (natural).

The firm's new blow-molding products will expand the number of blow-molding, grades of "Cycolac" ABS from one to three, and mark "Prever" debut in the

blow-molding market segment. Pfizer Biotechnology Venture Is Financed at \$4.5 to \$7 Million

three-year \$4.5 million to \$7 million with disease," says Barry Bloom, president agreement with T Cell Sciences Inc. for the development of therapeutic products to treat rheumatoid arthritis and Type I diabetes — two autoimmune disorders.

The funds to be provided by Pfizer to the Cambridge Mass., biotechnology company will support product research and ment based on T Cell's antigen receptor tech-

Pfizer will receive worldwide exclusive rights to therapeutic products resulting from this work. T Cell Sciences will receive royalties on sales of these products and will re-tain exclusive rights to all diagnostic appli-cations resulting from the collaboration.

cations resulting from the collaboration

y "This collaboration marks a major step for "This collaboration marks a major step for "An estimated ? million A suffer from rheumatoid arthrest claimed in the final suffer from rheumatoid arthrest claimed in the final suffer from rheumatoid arthrest claimed in million from Type I described in the most virulent of the authour technology to the promising area of improvement of the authors of the final company says Steplier D. Chubb president of that company.

The collaboration marks a major step for suffer from rheumatoid arthrest mated ? million A suffer from rheumatoid arthrest mated ! million from Type I depend on the most virulent of the authors with the most vi

Pfizer said last week that it signed a the Teallantigen receptor and its correlation of central research for Pfizer, "Given the recent discoveries in this area, we are highly enthusiastic and optimistic about its poten-

> T cells circulate through the body and bear hypersensitive receptors on their surfaces. These receptors detect foreign substances ing signals for the immune system, the body's ense against disease and injury.

> Recent discoveries about T cell antige receptors and their genetic makeup provided new scientific basis for using specific recep-tor structures in detecting and treating here-

> An estimated 7 million American adults An esumated 7 million American adults suffer from rheumatoid arthritis and an estimated I million from Type I diabetes, two of the most virulent of the autoimmune dia-

T Cell Sciences an emerging health care September 8, 1986 CHEMICAL MARKETING REPORTER 5

Toxic Waste Problem: Fiber Firms **Seek Relief** On Hill Again

for Trade (FFACT) says it will continue to push for legislative import relief in Congress next year.

John N. Gregg, chairman of Avtex Fibers Inc. and the Man-Made Fiber Producers Association, has been re-elected chairman of the 15-member industry-labor lobbying group. Dewey Trogdon, current president of American Textile Manufacturers Institute, has been re-elected FFACT vice-presi-

"It is clear that the Reagan Administration is going to do nothing, that the import problem is not going away, and that a legislative solution is the only answer," says Mr.

Congress passed a bill to establish import quotas on textiles and apparel, but the measure was vetoed by President Reagan last December. An attempt to override the veto failed in the House by eight votes last month. Textile and apparel imports for July hit the highest level ever recorded for any month in history, the American Textile Manufactur-

ers Institute reported today. In figures released by the US Department of Commerce, July imports of textiles and apparel reached a record-breaking 1.256 billion square yards, a 29 percent increase over

Textile and apparel imports for January-July set another year-to-date record of 7.6 billion square yards. This is a 23 percent increase over January-July 1985.

During the first seven months of the year the trade deficit for textiles and apparel reached \$11.96 billion a 17 percent increase over the same time last year.

If the trend continues, the textile and apparel trade deficit for 1986 will reach \$20.5 billion, \$2.8 billion over last year's recordbreaking trade deficit of \$18.2 billion.

Halcon Sold To Denka Chemical By Tex. Eastern

Texas Eastern Corporation and Denka Chemical Corporation have signed a letter of intent for Denka Chemical to acquire the assets at the Halcon SD Group at Little Ferry, New Jersey in a cash transaction of undisclosed value.

The assets at Little Ferry, New Jersey include ethylene oxide and maletc anhydride catalyst manufacturing facilities and SD process licensing and engineering businesses. The transaction should be closed in about four months.

Texas Eastern will retain ownership of the Halcon SD subsidiary, Scientific Design Company Limited in London, which provides project management and technical consultng services worldwide.

The transaction is consistent with Texas Eastern's plans to concentrate on its core businesses. Marvin Z. Woskow, president, Denka Chemical Corporation, said, "The Little Ferry operations will fit well with Denka's existing businesses and Denka will benefit from blending the broad-based portfolio of Halcon SD technologies into Denka's current maleic anhydride licensing activi-

Texas Eastern Corporation is an international diversified energy company based in Houston, Texas. Its pipelines transport natural gas to the Northeast and petroleum products to the East Coast and Midwest. The company explores for and produces oil and gas, with major interests in the North Sea. Texas Eastern operates a crude oil refinery in Texas, markets various petrolaum products at wholesale and is one of the largest marketers of liquefied petroleum gas in the

CHEMICAL MARKETING REPORTER September 8, 1986

Pfau Teamwork

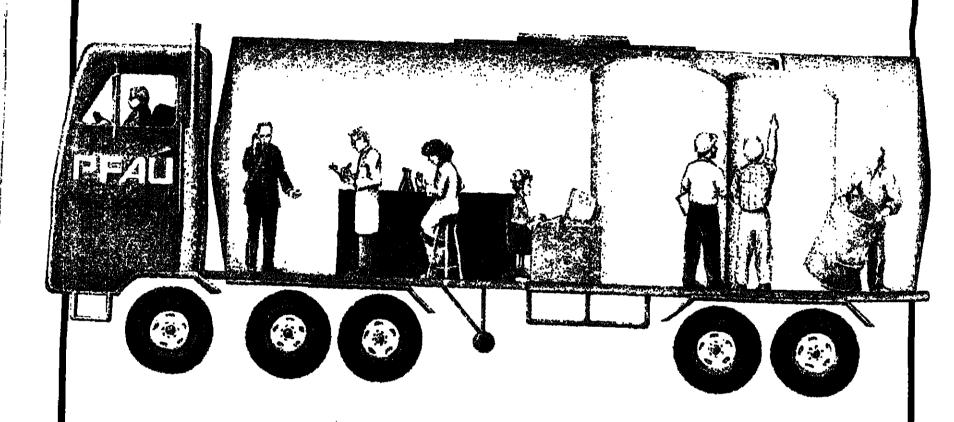
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Fertilizer and Art

Armand Hammer, chairman of Occidental Petroleum Corporation, used the opening of an art exhibition in the USSR last week as an occasion to plug his fertilizer dealings with the Soviets.

Explaining why he chose Odessa as the latest site for his traveling exhibition, "The Armand Hammer Collection; Five Centuries of Masterpieces," the Oxy chairman noted that his father had been born nearby more than 100 years ago and that Odessa is also the center of Occidental's fertilizer business with the Soviet

Under a 20-year arrangement, Oxy supplies the Soviets with superphosphoric acid in return for ammonia, urea and potash. The relationship is now in its eighth year.
"It has stood the test of time," Dr. Ham-

mer said last week at the opening of the enhillion, referring to his fertilizer deal with the Soviet Union, not the art. "The

project continues to run smoothly, to the mutual satisfaction of both sides."

It hasn't always been so. The Carter Administration banned the sale of US superphosphoric acid to the Soviet Union in early 1980, following the Russian invasion of Afghanistan. The ban was lifted shortly after the Reagan Administration took of-

The Odessa art exhibition, meanwhile. is the fourth such exhibit Dr. Hammer has opened in the Soviet Union since the signing of a US-Soviet art exchange last De-

The Hammer collection was last shown

in Odessa 13 years ago. The collection currently includes 127 works, including 26 works not previously shown in Odessa. One of the more recent additions to the collection is Rembrandt's "Juno."

The collection was shown earlier this year in Moscow, Leningrad and Novosi-birsk. It travels next to Kiev.

Membrane Gas Separators Introduced by Monsanto Unit

separators that are 200 percent to 400 percent more efficient than current separators have been developed by Permea Inc., the company said last week. This development was based on the invention by Permea scientists of a method to alter the structure of a broad range of

"For the first time, gas separating membranes can be tallor-made to give the permeabilities needed to separate any given gas from others," says Raghu Narayan, Per-mea's director of technology. "No longer do the inherent characteristics of the polymer dominate in the determination of a mem-

brane's permeation rate and selectivity."
"With this new capability, we have used commercially available polymers to make second-generation membranes that are two to four times more efficient than any gas-separating membrane now available," he

Dr. Narayan said that the technological breakthrough resulted from "a ninety-de-gree departure" from the industry's usual approach to membrane research and dovel-

ment, Membrane research has tonded to focus on the molecular structures of specific poly-mers as the way to improve efficiencies and

Advanced-generation membrane gas separation qualities. "According to this approach, whoever found the best polymer had the best membrane," he said. "We at Permea followed that course in the past, especially with brominated polyphenylene oxide, which we found promising."

At the beginning of this year, Permea re-searchers changed course. "Instead of con-tinuing to pursue specific polymers, our researchers looked for and discovered a means of altering the structure and chemical characteristics of asymmetric membranes generally," Dr. Narayan said.

"You start with polymers with demonstrated utility for separations." he said, "but the revolution is in influencing the morphology of the membrane by altering the formulation from which it is made."

According to Dr. Narayan, this discovery by Permea's scientists means that the Inherent properties of a specific polymer, while important, count for less than the way the membrane is formed. "We can now make vastly improved membranes using wellknown polymers. We don't have to resort to the more exotic ones."

As a result of this development, a single polymer can be made into different membranes with major variations in performance. "It's like graphite and diamonds. Both

Continued on Page 18

Combustion Engineering Sets Environmental Service Division

says it is branching into the potentially curative environmental services business. C-E says it has formed a new operation, called Environmental Systems and Services, to provide environmental consulting services, hazardous site cleanup, systems necessary to address hazardous waste issues in public and private

"Concern for the environment is clearly a national imperative. In light of emerging leg-islation and public awareness, we anticipate a substantial growth business in providing solution to control problems. a substantial growth business in providing solution to country's environmental problems, says Dudley C. Mecum, president of C.E's Urban Systems and Services Group. The company estimates that environmental services spending will grow from \$4 billion per year to \$7 billion annually by 1990.

C.E. says it will apply its knowledge of cineration technology and environmental sensors and analysis to the new venture. Its

Combustion Engineering, Inc., the large Stamford, Conn.-based construction engineering and consulting firm, says it is branching into the potentially southern California. C-E says the plant will southern California. The says the plant will should always a percent of the be able to handle about 33 percent of the burnable hazardous waste generated in Los Angeles County. The company says it may acquire other businesses as a way of expanding its environmental services business.

The Environmental Systems and Services group will be run by R. Nim Evatt, who previously was vice president of corporate mar-keting at Combustion Engineering. The new business unit will operate within C-E's Urban Systems and Services Group. In August,
Combustion Engineering set up the Operations and Maintenance Service Group, and
other unit of Urban Systems and Services.
This unit will serve the worldwide market for
the operation and maintenance of government and industrial facilities. ment and industrial facilities.

ment and industrial facilities.

Resource Recovery Systems, another unit in the group, was recently awarded over \$500 million in contracts to provide waste-to-energy plants. Lumman Grest, C.R's engineering and project management services unit also operates within the Urban Systems and Services Group.

Phosphate to Recover **Slowly Over 5 Years**

than break-even prices, analysts in the industry are predicting a slow recovery over the next five years.

For instance, Kenneth Nyiri, manager of market research at Texasgulf Chemicals Company, feels that by 1990, US producers will again reach the production peaks achieved in the early 1980's.

Mr. Nyiri says that Texasgulf bases its projections on the bottom line of world population growth and the corresponding increases in world grain consumption.

He says that by 1990, the US share of the

world phosphate export market will probably drop to about 42 percent, from 50 percent last year and 47 percent this year. However, in that same period he sees total world trade in phosphates increasing, to

about 12 million tons, on a P2O5 basis, from a 1986 level of 9.2 million tons, Consequently, Mr. Nyiri feels that by 1990, total US exports should increase to approxi-

mately 5 million tons, P2Os basis, an increase of about 700,000 tons from the 1986 level. Mr. Nyiri also foresees an increase in the domestic sector, but one not quite as strong as on the export side. He feels it will not be until the mid-1990's that domestic consump-

tion reaches its former peaks. Mr. Nyiri emphasizes, though, that both these increases are coming from a base year that is far from brilliant. This year's total

While phosphate fertilizer producers are enduring lackluster demand and less most 7 percent from 1985 levels.

Other analysts seem to agree with the Tex-Continued on Page 31



shipment at Faustina warehouse, owned Agrico Chemical. Inventories are said to be o low now.

Carbide Sued by India Gov't For Unspecified Compensation

Bhopal court against Union Carbide Corp. Friday, claiming the US firm bears primary responsibility for the leak of methyl isocyanate that killed more

than 2,000 people.

The lawsuit seeks unspecified compense tory and punitive damages for the December 3, 1984 toxic gas leak from a Carbide pesticide plant in Bhopal. At least 200,000 people

were injured by the chemical. "The massive escape of the lethal gas oc-curred as the result of unreasonable and highly dangerous and defective plant conditions," said the suit, filed in Bhopal by the

ministry of chemicals and petrochemicals. The government is the sole legal repre-sentative of the people affected by the inci-

The government said the magnitude of the disaster is so great that the exact amount of tained.

damages and injuries suffered by the people has not yet been determined.

India rejected Union Carbide's offer of a \$350 million out-of-court settlement as totally inadequate.

Union Carbide has alleged sabotage by dis-gruntled workers and said water deliberately was introduced in the gas tank, setting off a reaction and causing the explosion and leak. The Indian government and plant workers

have denied the allegations. The government filed its suit after US District Court Judge John Keenan ruled in New York on May 12 that the case must be tried in India. India wanted to try the case in the US,

which generally grants much higher compen sation than India. The suit contends the Union Carbide plant lacked adequate safety measures, had inher-

Radioactive Chemicals Slated for US Review

Environmental Protection Agency ing from granium or thorium, or can be mancontrol radioactive chemicals and decay products, such as radionuclides, in pub-

Act for radium-226, radium-228, natural ura-nium, radon, and gross alpha, gross beta and photon emitters. All are known or probale human carcinogens. In addition, uranium is chemically toxic to the kidneys.

We intend to propose new regulations on these radioactive chemicals and decay products as soon as next summer," said Lawrence J. Jensen, EPA Assistant Administrator for

Water Water to be one of the largest health threats in water supplies." Jensen said, "and freatment methods to lower concentrations well below any anticipated regulatory limit are readily available.

Radionicilides are radioactive decay products which can be naturally occurring, com-

says it plans to expand its regulations to made, as a result of fission. Of approximately 2000 radionuclides, only a few present a threat to human health at the levels found in public water supplies. These will be the first regulations for ra-

lic water supplies.

The announcement, contained in an Advance Notice of Proposed Rulemaking, respectively. The agency intends to reexamine the interim quests public comment on regulations being standards it established in 1976 for radium, considered under the Safe Drinking Water gross alpha, gross EPA's future rules under the Safe Drinking Water Act would establish National Primary

Drinking Water Regulations for radionu-clides. These rules would apply to the 60,000 public drinking water systems in the United

EPA's surveys and studies indicate that only the two isotopes of radium, uranium, radon, and to a much lesser extent a small number of man-made radionuclides, have been found in detectable levels in drinking water. They are seldom found in high concentrations together.

With the exception of uranium, radiona-dide levels are found to be quite low in surface water systems but higher in groundwa-

Continued on Page 25 CAL MADE PAINC DEPOSITED





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Formerly part of Allied Chemical Corporation

News Capsule

ppG, GE Complete Deal

PPG Industries and General Electric Company have completed the formation of their previously-announced joint venture, Azdel Inc., which manufactures and markets reinforced thermoplastic composite sheet. The new company is based in Shelby, N.C. Agreement to form the venture was announced in July.

Strong Point Buys

Strong Point Inc., Irvine, Calif., has acquired Tri Coast Engineering, Corona, Calif., marking Strong Point's entrance into the hazardous waste cleanup business. Strong Point previously announced the formation of Lumberyard Develop ment Company and a \$3.5 million acquisition of the Lumberyard Village Shopping

Nitric Acid Tanks

Sea Containers Ltd., Bermuda, has de livered the first seven of 18 nitric acid tank containers to Bougainville Copper Ltd. Sydney, Australia. The IMO type tanks have been designed by Sea Containers for high strength nitric acid. Bougainville Copper operates one of the world's largest copper, gold and silver mines in Papua New Guinea.

ICI Buys Operation

ICI Australia has acquired a US zirconia operation in a move designed to further develop world markets for its range of advanced ceramic powders and chemicals. ICI has purchased the zirconia operatin of Ferro Corporation, based in Bow, N.H. The US zirconia business will operate as a wholly-owned subsidiary of ICI Australia under the name, Z-Tech Corpo-

Matlack Opens Terminal

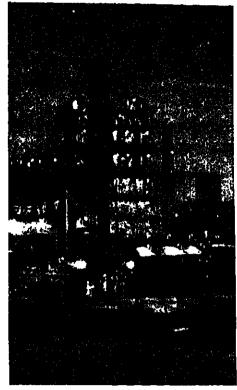
Matlack Inc., the bulk trucking company, has opened a new full-service terminal in Sulphur, La., to serve chemical and etrochemical producers in and around the Lake Charles area. The terminal will eccount for about \$5 million in annua venues. It includes three full-service cleaning bays with modern cleaning and waste treatment equipment, as well as two full maintenance bays.

Plant Strain Cleared

A new insect-resistant, gentically engiered tobacco plant developed jointly by dolm and Haas Company and Plant Genetic Systems of Belgium has been found not be a plant pest, according to US Department of Agriculture. USDA is required to prevent the introduction and dissemination of plant pests in the US.

^{Apache} Changes Name

Apache Chemicals Inc., a manufacturer of liquid diffusion systems, will operate under the name Olin Hunt Specialty Products Inc. The company was acquired by Olin Corporation two years ago and has: operated since then as a division of Olin Hunt Specialty Products. The company's product line will be marketed through the Olin Hunt Microelectronics Business



HIMONT FACILITY: This joint venture of Monte-dison and Hercules has been performing well, according to the Italian company, making a sig-nificant contribution to current earnings.

Shamrock **Agrees to Buy Retail Fuel Firm**

Diamond Shamrock Refining & Marketing Company, subsidiary of Diamond Shannock Corporation, has agreed to acquire Royal Petroleum Inc., a privatelyowned, Denver-based retail motor fuel marketer. Terms have not been dis-

Royal Petroleum owns and operates 42 retail motor fuel outlets in Northern Colorado, including 25 outlets in the Denver metropolilan area.

Diamond Shanrock says the acquisition is part of its plan to double direct retail motor fuel sales volume during the next five years. The company currently owns and operates roughly 500 retail gasoline/convenience store outlets, including 440 branded outlets in

The company also markets Diamond Shamrock-brand motor fuels through 1,500

independently owned jobber outlets in 17 Southwestern and Rocky Mountain states.

Acquisition of Royal Petroleum is expected to be completed this month.

PPG Industries Sees Big Growth In Biochemicals

PPG Industries is preparing for sig-nificant growth in biochemicals by doubling the manpower of its reorganized sales team and adding a new marketing

manager.
"We'll add 18 sales representatives this year; seven already are on board and the rest will join us before year's end," says Thomas M. Von Lehman, blochemicals general man-ager, "These key people are being strategi-cally positioned to increase our service capa. bilities in major corn- and soybean-growing areas east of the Rockles.

"Four sales districts — West, Midwest, "Four sales districts — West, Midwest,
Mideast and Atlantic — have been created in
place of the previous two regions. In line with
the sales team expansion, this reorganization
provides a clearer focus on key markets for
"Genate" and "Genep" herbicides, and prepares us for the planned 1987 growing season
launch of new "Cobra" soybean-field herbicide," Mr. Von Lehman said.

Pittsburgh-based PPG's current the of
Pittsburgh-based PPG's current the of
Pittsburgh-based PPG's current the of
Plus" harbicide for cornfield weed control
"Genep" herbicide for weed control in fruits.

"Genep" herbicide for weed control in fruits.

Continued on Page 16

Montedison Earnings At \$162 MM in Half

Montedison Group, the diversified Italian company, raised its first-half consolidated income before minority interests to \$162 million from only \$11.4 million in the same period a year ago. The Himont joint polypropylene venture with Hercules Incorporated and petrochemicals and plastics were among the star performers.

Montedison's results are now solidly in the black after years of losses and a token profit in the 1985 calendar year. Montedison SpA, the parent company based in Milan, Italy, had earnings of \$60 million, as compared with \$2 million a year ago. (Results in lire for both years have been converted at the current exchange rate).

The strong showing was due mainly to better operating performance in most of Montedison's activities, but greater efficiency and ower financing costs also contributed to the

The company's total revenues declined to 3,459 billion lire, down 9.5 percent from a year ago, reflecting the decline in prices for crude oil and prices of the petrochemicals closest to the barrel of oil.

In petrochemicals and plastics, gross inrevenues, and results in the Himont joint ven- half a year ago.

ture also improved considerably, Montedison stated. Specialty and high-performance materials continued to experience a favorable trend in both earnings and revenues, particularly in fluoropolymers, Montedison noted. Earnings were also strong in fibers. Compo, a jointly owned American subsidiary, is in the process of rationalizing its production and diversifying its activities, Montedison dis-

In health care, sales volume increased with the introduction of new products, but gross operating income decreased because export revenues were adversely affected by the declining value of the dollar, which reduced income in lire. Erbamont NV, the big pharmaceutical subsidiary, raised its quarerly dividend to 10 cents per share from 7 1/2

In the services area, the subsidiaries of Iniziativa Mo.T.A. achieved positive results. up from a year ago, but the mass retailing sector encountered difficulties as a result of the restructuring process now under way, Montedison says. A labor problem in this area, however, has been resolved.

Montedison's functional chemicals showed positive operating results, despite reduced revenues in some areas, it was noted.

The company's fixed investments rose to come increased markedly, despite decreased 303 billion lire from 245 billion in the first

Chemical to Detect Arson

A technique developed at the Com-merce Department's National Bureau of The analytical test is "a very single processing to the companion of t Standards (NBS) shows promise in detecting arson by chemically analyzing soot samples for by-products of the materials chemist and chief scientist for the project. used to start the fires.

In experiments conducted at the bureau's Gaithersburg, Md., facility, NBS researchers have found that the accelerants used by many arsonists to start fires - hydrocarbon-based liquids such as gasoline, kerosene, and paint thinner — produce specific combustion "daughter

products" that become part of the soot. Known as polycyclic aromatic hydro-carbons (PAHs), these products can be removed by solvent extraction from sooty deposits sampled at the scene of a fire.

NBS scientists use gas chromatography

The analytical test is "a very simple one that could be easily used as a forensic

He adds, however, that the method is experimental at this point and needs further investigation.

Mr. Chesler's research began several years ago at the urging of the Law Enforcement Standards Laboratory, a branch of NBS. The initial goal was simply to analyze soot for the presence of

The next step was to use the same accelerants to burn household materials such Continued on Page 23

gasoline and other accelerants. Early

tests using the GC technique were unsuc-

Baxter Travenol Completes The Sale of Its Flint Division

last week completed the sale of its Flint prescription drug business to Boots America Inc., a subsidiary of Boots Company of the UK, for \$555 million. A purchase agreement was announced last month (CMR 8/11/86, pg. 3).

Under the terms of the agreement, Baxter Travenol could receive additional payments of up to \$45 million, depending on the future sales performance of Flint's chymopapain products, "Discase" and "Chymodiatin." According to Boots, neither product is doing very well at the moment.

After-tax proceeds of approximately \$400 million will be used by Baxter Travenol to the debt incurred in its \$3.7 billion equisition last year of American Hospital Supply Corporation.

Proceeds from the Flint sale will eliminate Baxter Travenol's need to continue refinate Baxter Travenors need to continue an inancing floating-rate debt into fixed-rate debt, as originally planned, the company says. As a result, accumulated, deferred interest-rate hedging costs of approximately \$65 million will be reflected as an extraordinately the company of the company. nary expense in the company's third quarter financial results. The company says it will report approximately \$225 million of non-rechiling uet income in its third diarter te-

Bagter Travenol's sale of its Flint business is the last in a series of divestments that virtually removes the company from phar-

Baxter Travenol Laboratories Inc. maceuticals. Earlier this Summer, Baxter Travenol agreed to sell its American Critical Care unit to E.I. du Pont de Nemours & Co. for \$425 million. The sale is expected to be completed by the end of this month.

Baxter Travenol completed the sale of its American Medical Optics unit in May to mithKline Beckman Corporation for \$165

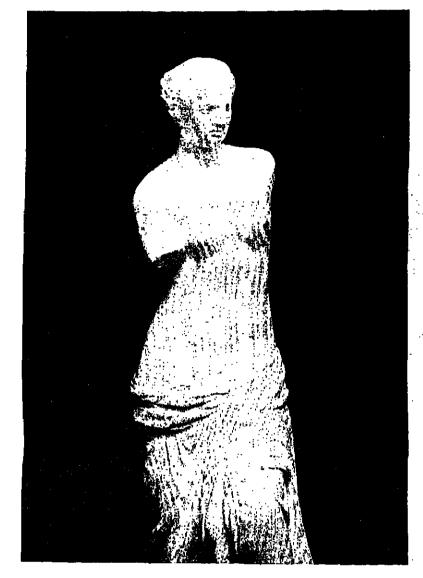
The Flint unit recorded pre-tax profits of \$33.1 million last year on sales of \$53.7 million, Boots had been looking for a US pharmacentical firm for a number of years and was willing to pay a steep premium for Flint in order to get a better foothold in the lucrative

Boots says it will immediately combine the les forces of its existing US 840: Boots Pharmaceuticals Inc., with that of Flint, and eventually merge the two operations entirely into one entity...

Flint's major product is "Synthroid," a drug used to treat thyroid deficiencies. It accounts for about 80 percent of Flint's total

Boots is best known for its "Motrin" drug: for the treatment of rheumatism. The company has a heart drug under development in the US and Europe, which it hopes to market here by 1990.

Baxter Travenol will now focus on medical and surgical manufacturing and distribution information systems and home care clinics





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OILS, FATS & WAXES Bean Oil Market Tightens Up As Crush Falls, Exports Rise

some relief at present from the oversupply situation that has been troubling it for most of the year. Most of the reduction in supplies is due to a combination of reduced crushing rates and an increase

in export movement.

The US government has been buying large amounts of soybean oil in recent days to fuel active world trading. Last Wednesday the government purchased 18,000 metric tons of soy oil for donation to Pakistan. The donation comes under a Title II initiative of PL 480. The material involved, crude de-gummed soy oll in bulk, is due designated for September

Just days before this purchase, Bangladesh bought 13,000 metric tons of crude, degummed bulk soy oil. That authorization, under Title I of PL 480, was issued on August 29. Also issued a purchase authorization under Title I was the Dominican Republic. They are designated to buy 30,000 tons of oil in the next

All of this comes amid reports from traders that soybean oil production is down for August, and will also be down in September. Production of the oil in July was 899 million pounds; in June it was 882 million

These figures are down from monthly production levels earlier in the year that were over 900 million and, in the case of March and January, over one thousand million pounds, according to Department of Agriculture fig-

An estimate based on preliminary figures from the Agriculture Department shows August production level to be 20 to 30 million pounds less than July's level. This bears out the belief by soy oil traders that this month and last month will show reductions in crush rates when final figures become available.

The market cannot be expected to maintain its current relative tightness, however. A rise in European demand for soybean meal has been helping to support the rate of crush. Following a seasonal cycle, the Europeans' demand for the meal can be expected to continue to climb throughout the Fall months, a

Also, the US government is holding a large amount of soybeans under Commodity Credit Corporation ownership. These beans can be expected to be released sometime after the farm loan rate is fixed. The deadline for fixing the rate of the state of the stat

ing the rate, currently set at \$4.77 per bushel of soybeans, is October 1.

After that date, the government may release the beans, stimulating the crush rate. Increasing this likelihood is the fact that

FRIDAY SPOT PRICES MARKET CLOSE SEPT. 5, 1986

Linseed oil, Minnespolis ib. ,13½ Paim oil, NY ib. ,28 Pamut oil, Southeast (restricted) ib. ,29nom Soybean oil, Decetur ib. ,13½ REFD, YEGETABLE OILS	CRUDE VEGETABLE OILS Coconut oil, NY Coconut oil, Pecific Com oil, Midwest Cotionaeed oil, Valley Linseed oil, Minneapolis	1b.	-130
	Pearut off, Southeast (restricted) Soybean oil, Decatur		28

fats & Greases Asso, white, choice, tanks, civil, NY ... ib. ... 8½ ass., yellow maximum 10½, iin tanks ... ib. ... 8½ and, loose, bulk tanks, divid, Chicago ... ib. ... 12 Talow, inedible, lancy, tanks, divid, NY ... ib. ... 10½ and inedible, blob., tanks, divid, NY ... ib. ... 10

The soybean oil market is finding farmers are currently forfelting their soybeans to the government, rather than paying back their loans in cash. This is due to the relatively low value that soy commands on

expected to do some softening.

In the meantime, though, the government-held beans are occupying valuable space.

the market today, sources say. When these beans are released, the oil market can be

PRICES TRENDLINES

WEEK ENDING SEPT. 5, 1986

CHANGES/UP

Cotonseed, 41% bulk, Memphie, \$2.50 per ton Palm oil, NY, .35c. per ib. Pesnut, 50% bulk, 85, \$20 per ton Boybean, 44% bulk, Decatur, \$4 per ton Tallow, inedible, fancy, tanke, divd., NY, 4c. per ib. Tallow, inedible, bleach., tanke, divd. NY, 14c. per ib.

CHANGES/DOWN

Grease, yellow maximum 10%, ffa tanks, ¼c. per ib. Lard, 100se, bulk tanks, Chicago divd., 2c. per ib. Linseed oil, Minneapolia, 1c. per ib. Soybean all, Decatur, .10c. per ib.

OILS, FATS INDEX

The Olis, Fats & Waxes Index reflects the prices of 11 representative materials in this sector and the quantity of each produced in 1985.

Sept. 5, 1986 Aug. 29, 1986 Aug. 8, 1986 83.06 . 79.16 Sept. 6, 1985 85.62

Chemical Prices Start on Page 36

This will force farmers to sell their crop to the crushers as it is harvested, rather than wards, sources say.

Pakistan has announced an import regulation program that will limit the amount of palm oil that its vegetable oil consumers may buy. If a Pakistani buyer fills more than 65 percent of his vegetable oil needs with palm oil, he will face stiff import taxes on that palm oil. This new regulation, it is hoped, will serve to assure a portion of the Pakistan market for US soybean oil, according to in-

VEGETABLE OILS

COTTONSEED OIL — This oil is seeing little trading activity as prices continue to fall. Demand is generally poor, as competing oils keep cottonseed oil from making progress in the market, sources say.

It is expected that much of the new crop of attentions will be said to feed took progress.

cottonseed will be sold to feedstock produc-ers, who generally offer better prices for the material than crushers do, says an industry source. Crush yields will remain uncertain for a while, since crushers generally buy the residual material once the feedstock buying are over. Nevertheless, it is expected that the crush volume in California will see a reduction this year as compared to last year, a

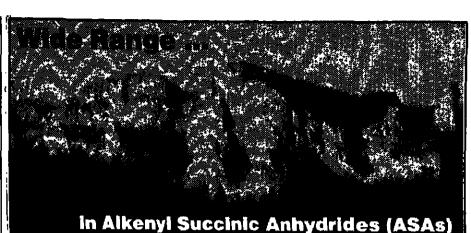
have ordinarily begun by now is being de-layed by heavy rains for at least another ten

days to two weeks at best, sources say. Trading is being called quiet now as buyers wait for the new crop oil and accompanying

lower prices.
The market "doesn't have a lot of sip to it The market "doesn't have a lot or up to use says one trader, who goes on to note that the heavy rains hitting the Dakotas and Canada are not only keeping pickers out of the fields but are also having the effect of delaying the materiation of the flax.

PALM OIL The latest round of changes on Malaysian crude palm oil export duties would seem to indicate that Malaysia will continue to flood the world refined palm of

The crude palm oil duty was raised fur:



HUMPHREY

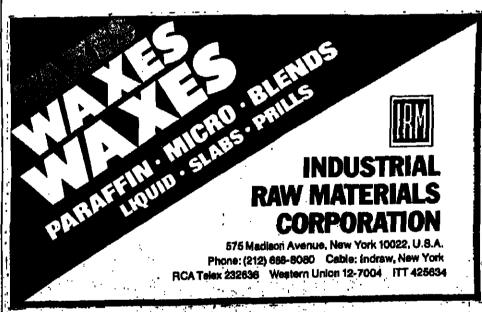
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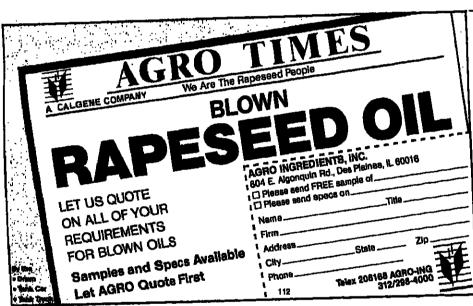
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CHEMICAL MARKETING REPORTER September 3, 1986

OILS, FATS & WAXES

ther encouraging Malaysian producers to keep the crude material in the country and refine it for export. In keeping with this trend, the duty on refined oil was lowered 15.04 Malaysian dollars to \$53.82 per ton,

e4qual to about \$21 in US currency.

Malaysian production continues to go through the roof, with palm oll stocks in that country expected to reach one million tons by January 1, 1987, according to industry

Pakistan has imposed a heavy import duty on foreign refined palm oil. While Pakistan has raised the import tax on all vegetable oils to 3,000 rupees, it has raised the palm oil duty an additional 3,000 rupees on top of that. Buyers who can demonstrate that less than 65 percent of their oil needs are being filled by paim oil will receive a rebate of 3,000 rupees. The move comes as part of an effort to boost sales of Pakistan's domestic oils,

mostly cottonseed oil.

In the US, spot trading has been stagnant, according to industry sources. Consumers have been taking advantage of low prices on paim oil by buying as far forward as 1988. Malaysian production, now at a seasonal peak, should insure continued low prices for

the future, sources say.
SAFFLOWERSEED OIL — West Coast traders are seeing active buying and selling as the new crop oll begins to hit the market.

Buyers who abstained from the market in July and August, allowing their stocks to dwindle, are the cause of a "fairly good rush," according to an industry source. This is resulting in "pretty heavy buying commit-ments" on the nearby positions of the new oil,

The tight supply situation of the Summer months has not evaporated yet. The backlog of orders is preventing stocks from building at the moment. It is not expected that significant supplies will accumulate for another one or two months, a source says.

Traders in the Dakotas and Montana are hoping for a similar rush to occur in the next couple of weeks when their new crop oil will begin to enter the market.

LARD — Lard prices have gradually been working their way down over the past few weeks. Overproduction due to a "good hog kill" is keeping the market soft, according to an industry source.

FATTY ACIDS

TALL OIL — Tall oil fatty acid (TOFA) production in July was down compared to the output during June.

July's production on 2 percent and over rosin content fatty acids was 8,500 tons, down

19.7 percent from June's level of 10,900 tons, according to Pulp Chemicals Association fig.

For the less than 2 percent rosin content TOFA, July production was 7,900 tons, representing a 10.3 percent fall from the 8,900 ton output of the month before.

Chemical Blaze Forces Evacuation

Approximately 1,000 residents of Elkhart County, Ind., were evacuated for several hours last week after a fire broke out there in a chemical warehouse containing drums of acetone, dichloromethane and other materi als. Preliminary tests indicated that smoke from the blaze did not pose a health threat.

Firefighters in Elkhart were advised by Chemirec to let the fire burn out, because dousing the fire could contaminate the groundwater. Chemtrec is the information clearing house on hazardous materials formed by Chemical Manufacturers Associa-

DMT Correction

The Chemical Profile of August 25, on page 50, incorrectly listed the location of an Eastman Chemical Products Inc. dimethyl terephthalate plant as Wilmington, N. C. The correct location is Kingsport, Tenn.

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AROMATIC ORGANICS

TDI Market Turns Upward; Makers Say Pricing Steadies

(TDI) say that strong export interest, fair domestic demand, and rising feed-stock costs have stabilized the market this quarter.

An industrywide price increase during the first half of the year was only partially successful. During the past two months, however, producers are in agreement that discount levels off the list level of \$1.01 per pound have held steady.
Weakness in feedstock toluene pricing was

seen as a contributing factor to producers' difficulty in raising prices earlier in the year. But since July 1, toluene has turned around from a 61c. to 64c. per gallon price range to a 70c. to 72c. per gallon level.

While most TDI producers say that an effort will likely be made to raise prices for the first quarter of next year should toluene pricing stay firm, one producer says that because such a small amount of this year's price in-crease actually went through, "the industry really needs a (first quarter of 1987) price increase almost irrespective of what hap-pens with toluene." It is estimated that toluege accounts for about 20 percent of pro-

Producers say that market conditions. tighter than early in the year, could well support a price increase in 1987.

Supply and demand are precariously near balance," says one producer, and another comments that "we are (producing) full out, and, from what we gather, the competition is also."Two competitors estimate an industrywide operating rate of 93 percent for the

STRONG EXPORT BUSINESS

Export business is said to be playing a significant role in the market. Through July, exports were running about 500,000 pounds, or 4.5 percent, higher than the 1985 average. The Middle East and Oceania are said to be showing strong demand for US material. Brazil, which in the past has shipped MDI to the US, has become a net buyer of US product as its production has been unable to keep up with strong growth in demand there.

Producers point out that export prices have been moving up steadily in recent months and presently are virtually equal to domestic pricing. With the US dollar expected to continue weakening, this trend

should continue, producers say.

One TDI producer observes that the market has tightened up to such an extent that when he tried to buy material recently for resale to cover overseas commitments, he was unable to obtain it. Another producer says that, during a maintenance turnaround last month, he "went around trying to borrow some (product) and couldn't get any."

It is said that domestic demand from the uniture sector, a major end market, has picked up in recent months in a seasonal pattern of a three to six month lag behind

AROMATIC ORGANIC OUTPUT

US INTERNATIONAL TRADE COMMISSION NUMBERS POUNDS/GALLONS.

193,416 319,169 207,921 21,366 901,656 564,322 2,261,809 67,191 713,124 212,035 1,970,460 1,624,380 1,76,438 176,686 140,957 1,261,821

have been fiarly flat during the first half of the year, but the second-half pickup should lead to a 4 to 5 percent growth rate for the

year, producers say. Producers observe that an increase in the implementation of environmental controls at their facilities is a significant factor in the marketplace. "There is a lot of pollution control work that's expensive and also limiting the ability to produce at full capacity," says one producer; another comments that nonproductive capital expenditures have been on the rise since environmental restraints have become more severe.

BHT — A producer of butylated hydroxytoluene says that the market price has 'shifted slightly upwards" during the third quarter. It is expected that total demand

PRICES TRENDLINES

WEEK ENDING SEPT. 5, 1986

CHANGES/UP

CHANGES/DOWN

AROMATICS INDEX

The Aromatic Organics index reflects the prices of 14 representative materials in this sector and the quantity of each produced in 1985.

Sept. 5, 1986	167.84	
Aug. 29. 1986	167.84	l
Aug. 8, 1986	167.84	ı
Sept. 6, 1985	167.84	

Chemical Prices Start on Page 36

from the plastics and rubber sectors during the second half of 1986 will show an improvement over that period last year.

However, long-term demand for BHT "will be flat or decrease somewhat the next few years," the producer comments. The trend in the industry is said to be towards less volatile, higher molecular weight phenolic antioxidants and phosphites.

BTX — The firming trend in basic aromatics pricing "is still rolling right along," says a trader, as strength in crude oil pricing is felt in the market. In addition to "confidence in the OPEC agreement," adds another market participant, strong European octane demand

is pushing toluene pricing upwards.

Spot benzene is quoted in a range of 80c. to 81c. per gallon, spot toluene is quoted be-tween 70c. and 72c. per gallon, and spot xylene is quoted at 72c. to 75c. per gallon. The benzene and toluene prices are both 4c. per gallon higher than a week ago; xylene pricing

has been holding fairly steady.

The US toluene market would be snug even without European interest, observers note.

478,959 411,459 40,959 1,721,092 1,112,475 4,277,629 173,328 1,427,986 1,427

689,702 417,043 44,607 1,614,730 489,356 489,356 4,300,401 181,282 1,988,589 431,321 8,761,323 8,447,886 339,927 302,449 642,915 389,465

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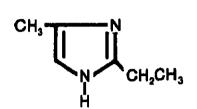
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AROMATICS

However, lead phasedown in Europe has created "a vacuum sucking in octane" from the US, South America, and the Far East, one

industry source comments.
With this strong toluene demand, the differential between benzene and toluene pricing remains narrow. As a result, hydrodealkylation is not economical for those who otherwise buy benzene on the merchant

snug market conditions, sources note. Basic aromatics production was resumed last week, a company spokesman says, but "we American adhesives market. would like to have had it (running) two months ago." Mechanical problems with both

the refinery and the aromatics unit are cited. It is widely believed that Exxon Chemical Americans and Shell Chemical, both currently posting an 80c. per gallon benzene contract level, will join Standard Oil's 85c. per gallon level at mid-month.

Standard Oil's decision to raise pricing to 85c. September 1 was based in part on a distaste for bimonthly price adjustments, says a company spokesman. "We have established a position," he says, and "have been getting pats on the back" from styrene producers who raised their prices 3c. per pound at the first of the month

PARA-CRESOL — Biddle Sawyer Corporation, a distributor for Synthetic Chemicals Limited at the UK, says it is raising its price in bulk quantities to 95c. per pound, effective October 1. The change is attributed to increased manufacturing costs.

Another supplier who is studying the move says that prices have been at depressed levels for some time due to oversupply. BHT production, the main outlet for para-cresol, is expected to increase only slightly in the coming years if at all. Nonetheless, BHT pricing has been firm recently.

STYRENE — It was mistakenly reported last month (CMR, 8/25/86 pg. 13) that "Cos-Mar, Inc. will eliminate a 3-cent-per-pound temporary voluntary allowance off its 24 cent per pound posting." The price change was made by Cosden Oil & Chemical Company, a joint owner with Borg-Warner Chemicals, Inc. of Cosmar Company, a 50-50 facil-kets of industrial and automotive lubricants ity devoted to manufacturing only. Cos-Mar, Inc. is the holding company. Borg-Warner increased its pricing by \$c. per pound across-project from Indonesia to Japan.

Burmah Buys Adhesives Firm

Burmah Specialty Chemicals, a Swindon, England division of The Burmah Oil plc., last week said it acquired Columbia Cement Company, a New York-based producer of adhesives, with sales approaching \$25 million.

narket. Commenting on the purchase, Jonathan Operational difficulties at Standard Oil's Fry, chief executive of Burmah Specialty Alliance, La. facility have contributed to the Chemicals said, "Columbia is a market leader in the US, and provides an excellent base for further expansion in the growing

"We are delighted to announce that Howard Maisel, the current president of Columbia Cement, will remain with us as head of Burmah Specialty Chemicals' Adhesives Division in the US, and the Americas Mr. Maisel will play a key role in a worldwide expansion program for Burmah Adhesiyes."

BURMAH ADDS RESOURCES

Mr. Maisel, commenting on the purchase, said, "Our joining Burmah Specialty Chemicals will provide us additional resources to expand. We look forward to helping Burmah become a force in adhesives in the US and eventually in the global adhesives market-

The purchase of Columbia Cement repre sents the first Burmah Specialty Chemicals adhesives acquisition in the US.

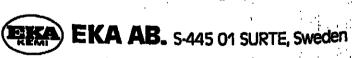
Other units of Burmah Specialty Chemicals with US operations include the Coalings Division and Water Management Division.

Additional Burmah Specialty Chemicals
US acquisitions completed within the last
year include Yates Manufacturing, a producer of investment casting waxes; National Wax Company, which manufactures a wide variety of wax compounds; and Burmah Technical Services, formerly the water management operations of Clow Corporation.

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ALIPHATIC ORGANICS

Propylene Market Seen Firming As Feedstock Costs Advance

Propylene makers, foiled in their at- due to heavy competition from oil products, tempts to raise prices in July and Au- ethane is in short supply for the near term. gust, are seeking a 1-cent-per-pound gain in September and as much as 2 cents per pound in October. Chemicalgrade propylene sold in August for 9 1/4

cents per pound.

The earlier price move was snuffed by falling feed values and large inventories, but producers see a different picture now.

Feed costs are on the way up, bolstered by the anticipated effect of OPEC's supply reduction agreement, and supplies are headed downward as refiners reduce their output from FCC crackers in line with the end of the

driving season. Also, scheduled olefin unit turnarounds for September and October are seen reducing the propylene stockpile and easing pressure

for soft pricing. So far, the results of the September move are mixed. Says one observer, "It depends who you talk to: the big buyers will wait for the smaller accounts to be settled and major settlements will come at the end of Septem-

One major participant in the propylene marketplace disagrees with this outlook and maintains that the price increase has fallen flat early in the month

He reasons that although propylene prices have fallen dramatically during the year, propylene makers did not pass through all of the cost reduction to buyers. Producers are now seen holding some lecway in absorbing rising feed prices for the time being.

BIG PUSH IN OCTOBER
The outlook for September prices, among the most optimistic forecasters, is for a 1/4 cent-per-pound gain. But the feeling among marketers is that, regardless of September settlements, the "big push" will come in October when the industry is expected to be more adamant about reaching prices of 11 cents per pound for chemical-grade mate-

The underpinnings of the October move are expected to come largely from increased feed prices. Gas oil prices have gained about 9 cents per gallon since early August, moving to 41 cents per gallon on the spot market last

Gas oil had been a minor part of the olefin feed slate. However, falling gas oil prices this year, on the heels of falling crude prices, have brought gas oil into greater prominence at the front end of steam crackers.

Now with the visc to greater profile.

Now, with the rise in gas oil price, olefin makers are faced with a double blow. Higher output of coproduct butadlene has put a dent in gas oil coordinate at the Control of the control o in gas oll economics as the C4 material has seen nothing but steadily falling values this year. September contracts for butadiene are reported at 10 1/2 cents per pound, down from 11% cents in August.

Also, the large output of propylene from crackers using gas oil has put the onus of olefin profitability more on propylene.

The price of other feedstocks has declined since mid-year. But switching to the less expensive inputs is not immediately feasible,

Ethane at 17 % cents per gallon on the Gulf Coast spot market last week, down from 17 % cents per gallon in early June, is not seen as a strong feed option right now.

With the decline in natural gas production,

PRICE HIGHLIGHTS

ALIPHATICS IN AUGUST

	AUG.	JULY
Butadieneib.	(US \$) .121/2	(US \$)
Eihylane Cu	1872	13%
"PUMBON L L	.161/2 .29	. 17 1/a
Propylene	.914	9%
tranolide "Ip.	115 11	A STATE OF THE STA

Propane, at 22 4 cents per gallon last week, down from 26 cents per gallon in early June, may be favored by some companies

right now.
"There should be more emphasis on propane until ethane production comes up," says one analyst. However, propane product streams are rich in propylene and would ex-

acerbate the C3 oversupply situation.

Whatever the economics of lighter feeds are now, crackers that can handle gas oil

PRICES TRENDLINES WEEK ENDING SEPT. 5, 1986

CHANGES/UP

CHANGES/DOWN

ALIPHATICS INDEX

The Aliphatic Organics Index reflects the prices of 20 representative materials in this sector and the quantity of each produced in 1985.

Sept. 5, 1986			
Chemical Prices Start on Page 36			

have been the most profitable during the oil price slide. Now gas oil crackers are commit ted to depleting their stocks and an October price increase in propylene is seen as one of the more likely ways of maintaining profitability during this period.

Propylene makers, in addition, are not bashful about asking some of their customers for higher returns. Polypropylene, the largest single end use for the C₃ material, is seeing double-digit growth in exports and

number of domestic end uses.

Exports, this year through June, are up 30.7 percent over last year, reaching 516 mil-lion pounds, according to Society of the Plastics Industry. The group also reports that domestic film demand is up by 32 percent over last year, reaching 253 million pounds

for the first six months of this year.

In total, domestic demand, including material for export, is up by 6.9 percent over last year, with the total requirement reaching 2.8 billion pounds in June.

According to one propylene producer, "all indications are for stronger pricing. Feeds are increasing and polypropylene is tight, with producers running all out."

Refinery propylene, which in the past has tipped the supply balance toward abundance, is now in a period of contraction. Output of refinery material is being reduced by about 10 percent from its driving season high, according to one producer. This should take some of the supply pressure off the chemical markets says the source.

Also, refinery propylene values have gained about 1 % cents per pound during the latter part of the driving season in line with improved gasoline values. Current prices for refinery material are in the 8-cents-per-

refinery material are in the scents-per pound range.

Production of refinery material is down significantly this year compared to last According to International Trade Commission, refinery propylene production reached 7611 million pounds for the first six months of this year, compared to 978 million pounds for the same period last year.

Chemical and polymer grade production showed a large indrease in the same period. In the first six months of this year, 7.5 billion pounds were produced compared to 6.4 million pounds were produced compared to 6.4 million pounds last year.

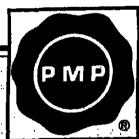
ACETIC ACID — Celanese Chemical Company Inc. says that it will increase the market price of its acetic acid by I cent ber

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ALIPHATICS

cound for shipments after October 1.

Celanese would not comment on current market prices. Market levels during the second quarter were reported at 23 1/2 cents per

pound.
BUTADIENE — Corpus Christi Petro-chemical Company and El Paso Products company said last week that the Corpus Christi has acquired El Paso's 210-millionpound-per year butadiene facility in Corpus Christie, Tex. The purchase price has not been disclosed.

The agreement became effective on September 1. Last week it was also agreed that Corpus Christi will sell all of its butadiene output from the facility to Shell. According to a Corpus Christi spokesman "Shell will be the seller now instead of El Paso."

Corpus Christi has an olefins complex adjacent to the El Paso site and has been the principal supplier of raw materials to the facility. This acquisition, "gives us improved integration at our olefins cracker complex, says the spokesman. The company is also expecting to "reduce fixed costs" with the purchase.

Corpus Christi is a joint venture of ICI Americas Inc., Champlin Petroleum and Solvay America.

ETHYLENE GLYCOL — Prices during August and early September, for industrial/ antifreeze grade ethylene glycol, f.o.b. Gulf Coast locations in bargeloads, reached 16c. to 16%c. per pound. This is down by %c. to 1c. per pound from July levels.

Softening values have been exacerbated by the reluctance of antifreeze retailers and distributors to commit themselves to product in August, the early part of the antifreeze buying season. "When prices are declining retail buyers don't stock up since there is a good chance that future costs will be lower," says one EG producer.

This all adds up to a late start for the antifreeze season with a probable crunch coming in late October or early November when consumer buying picks up. Suppliers report that sales have started to accelerate in

September and prices reached in August should remain firm through the season

In fact prices may see some galas ethylene prices move up by 1c. per points September and 1c. to 2c. more in Octobers olefin makers are hoping.

Production of ethylene glycol for the first six months of the year, according to US Inter national Trade Commission, reached 2.1 M lion pounds, a 5 percent increase overleve reached last year. Sources attribute the h crease to a combination of fewer operation problems this year and increased demand the relatively small, but fast growing per resin market. While PET resin for bottle command only about 10 percent of the Is ethylene glycol end uses, its growth is pegge

as high as 15 percent per year.
VINYL ACETATE MONOMER. Celanese Chemical Company says it will increase the worldwide market price of vind acetate monomer by 2 cents per pound for all shipments after October 1. Celanese would not comment on current market prices

August prices for VAM, following some slippage since January, were reported by tween 28 to 30 cents per pound, delivered by medium-sized accounts

PPG Industries

Continued from Page 9

vegetables and ornamentals, "Sprout hip" potato sprout inhibitor, and the older "Chem Hoe" and "Furloe" brand herbickes.

The company has applied for and is expecting Federal registration of "Cobra" postmergence herbicide in time for the 188 growing season. US soybean grower tested "Cobra" herbicide have demonstrated a high level of effectiveness against more than it broadleaf weeds. Also, the new herbicide is being used successfully in Brazil, the West ern Hemisphere's second largest soybenproducing country.

In addition, it is being evaluated for preemergence, carly postemergence and # quential treatments for weed control of peanuts and for post-directed weed control on cotton. It has not been cleared via Expermental Use Permit for these crops.

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Dinoseb Draws Warning Continued from Page 5

and working in fields shortly after the application of this product are the particular agency concerns. Care should also be taken in handling or laundering contaminated cloth-

ing, the agency says.

The agency's action is based upon studies which EPA recently received indicating that dinoseb caused birth defects in laboratory animals. The effects were associated with exposure during pregnancy.

Defects include irreversible neurological and skeletal malformations in the offspring of animals exposed to the chemical.

"The available evidence shows that cating foods from dinoseb-treated fields does not pose a concern," Mr. Barnes adds. "The dangerous routes of exposure are inhalation and skin absorbtion by people applying the pesticide in the field."

The agency has also received other studies showing that dinoseb causes fertility effects in male rats and mice. While EPA's primary concernis for women, because of the sterility studies the agency is recommending that all persons working with dinoseb take precautions from direct exposure associated with the application of the pesticide.

RESIDUE LEVELS LOW

Dr. Jack Moore, EPA assistant administrator for pesticide and toxic substances, says "The residue levels of dinoseb in crops are extremely low compared to the levels which cause birth defects in test animals. Hence, we do not believe that eating products from dinoseb-treated fields presents a concern. However, direct exposure to workers in the field as a result of application should be

Food and Drug Administration tested for residues of dinoseb in 70 products in 1985 and 1986. These included peanuts; sweet, red and white potatoes from three areas of the country; and other crops. No dinoseb levels were detected except in cotton seed meal. The cotton seed meal levels were 0.02 parts per million — a fifth of the allowable residue level.

Dinoseb is highly toxic to humans by exposure through the skin as well as inhalation and label directions require protective cloth-ing for applicators. It is applied by either ground equipment, airplanes or hand held

There are approximately 180 registered products containing dinoseb (or its four salts) as an active ingredient. Between 7 and 11 million pounds of dinoseb-active ingredient are annually sprayed as a liquid from airplanes, tractor-drawn equipment and haud-held equipment. As much as 25 percent of this pesticide can be used in fall and winter. Diaoseb is also used as a desiccant (to dry growing vegetation before harvest, as a fungicide and as an insecticide.

Themajor use sites by volume include soy-

priate regulatory action very soon," says A.

James Barnes, EPA deputy administrator.

Exposure to dinoseb during its application

Exposure to dinoseb during its application percent), grapes (2 percent), and almonds (1

> Other use sites include clovers, flax, barley, oats, rye, wheat, apples, apricots, cherries, citrus, dates, figs, nectarines, olives, peaches, plums, filberts, pecans, walnuts, blackberries, blueberries, boysenberries, gooseberries, loganberries, raspberries, strawberries, cucumbers, pumpkins, squash, currants, lima and kidney beans, onions, garlic, hops, ornamentals, cone-bearing trees, right-of-ways, and aquatic drainage ditches.

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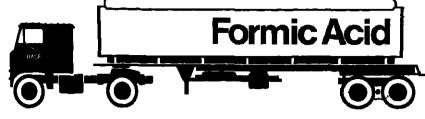
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Cyanamid

Continued from Page 3

pressed interest in modulated windows, in which the glass panes are encapsulated into RIM frames away from the assembly line. The RIM can be impregnated with aliphatic isocyanates to add light stability to the frame, enabling it to retain its original color without repainting. To date though, the Mobay official points out that very little aliphatic isocyanates have been employed in RIM applications.

The Cyanamid announcement marks the second major aliphatic isocyanate capacity increase started in six weeks. At the end of July Mobay said it was implementing a 25percent expansion of its HDI polyisocyanate capacity at Baytown in order to "keep pace with the growing demand from the paint industry." The expansion is due on line in mid-1987. At the time Mobay said supplies of HDI-based polisocyanates had grown tight, mainly because of increasing demand for

high performance polyurethane coaling.
The market is expected to further graph of the coaling of

Cyanamid says production facilities by the meta-TMXDI and meta-TMI will beco-pleted in 1987. Later on, the company says will begin producing para versions of them compounds. The production route marks first commercial attempt to produce in cyanates without phosgene since Arco abadoned an effort to make MDI without plus gene several years ago.

Membrane Gas

Continued from Page 7

are carbon, but in radically different forms Dr. Narayan said.

The first applications of the new menbrane will be for separating nitrogen from air, according to Earl Beaver, director of business development for Permes, Perme has sold more than a dozen nitrogen miss since 1983 based on "Prism" separators membrane gas separators introductor Monsanto in 1979. These nitrogen systems have been primarily for inert blanking or ships and offshore oil platforms.

Dr. Beaver says the new systems called "Prism Alpha" nitrogen systems, wilk three times more efficient than currentes.

The market for nitrogen in the United States during 1986 is estimated at nearly li billion. Dr. Beaver says the new systems of be fabricated in a broad range of size at configurations to meet virtually every to

The nitrogen systems will be introduced commercially for a series of application over the next four months. Several protops and test systems have already been install n a variety of industries, Dr. Beaver 2015.

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Cetus Forms New Company To Enter European Market

Cetus Corporation announced that it cal trials or late stage preclinical testing in develop, manufacture and directly market the company's therapeutic products

in Europe.
"We believe that directly marketing these products ourselves in Europe is the approach that will achieve the most successful entry and the best financial return for our stock-holders," says Robert A. Fildes, president and chief executive officer.

The products which will be the initial focus of the subsidiary, called EuroCetus, are interleukin-2, tumor necrosis factor, colony stimulating factor-1, human monoclonal anibodies for neutralizing endotoxins produced by Gram-negative bacteria, and im-

munotoxins for breast and ovarian cancer. "These products are either in human clini-

ChemDesign CDC

will form a wholly-owned subsidiary to the US," says Mr. Fildes. "Therefore, our entry is well-timed because the products are at the optimal transfer stage, ready to enter European trials guided by the data and knowledge gained in the American studies. Over the longer term we expect therapeutic products to flow from Cetus to EuroCetus and vice versa."

"We have selected the first clinical study sites and will be initiating human trials of interleukin-2 in Europe by early 1987," Mr. Fildes adds. "Also, we have evaluated several locations for a development and production facility and hope to announce our site decision in the near future."

Cetus' therapeutic products are expected to be approved initially for cancer indications. The European cancer market is currently slightly larger than its US counterpart, with sales of approximately \$460 million. There were 1 million cancer deaths in Europe in 1984, and in 1985 over 4.8 million Europeans were under treatment or supervision for the disease.

Since the expansion into Europe involves costs that are incremental to Cetus' US operations, Cetus management said the move would require additional capital, despite the company's strong financial position.
"We expect to file shortly with the SEC a

public offering of a \$75 million research and development partnership to fund our Euronean activities," says Mr. Fildes.

Cetus is primarily engaged in the development, manufacturing and marketing of therapeutic products initially targeted at cancers and serious infectious diseases. In addition, the company has exclusive business relationships with major corporations in human diagnostics, agriculture, animal healthcare, industrial process and instrumentation for research and industrial users of biotechnol-

Neste Oy to Add Two Process Units

UOP Inc., a unit of Allied-Signal Inc., and Neste Oy of Finland have announced the commissioning of two UOP continuous catalyst regeneration platforming process units

in Naantali and Porvoo, Finland.

The new UOP CCR platforming unit installed at Neste Oy's Naantali refinery is currently converting 7,100 BPSD of naphtha into high value gasoline blending components. The CCR platforming unit at Porvoo is designed to process 38,300 BPSD of naphtha feedstock.

The Porvoo unit, which came on stream in July 1986, is a revamp and upgrade of an existing semi-regenerative reforming unit to a UOP CCR platforming process unit with stacked reactors. The Naantali unit came on stream in December 1985.

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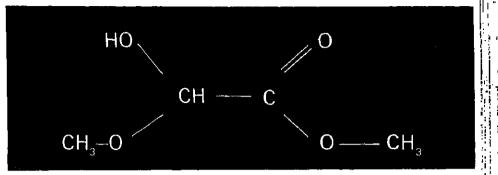
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DRUGS & FINE CHEMICALS

US Gelatin Hurt by Capsules, **But Other Areas Seen Growing**

Many gelatin producers agree that the will return to historical levels. troubles which have befallen the hard As growth occurs, producers think price capsule industry in 1986 have trickled down to add to the gelatin industry's

conducted by Johnson & Johnson, which halted production of "Tylenol." Others fol-lowed, including R.P. Scherer, which stopped manufacturing hard capsules in April. One producer says the hard capsule's decline "has had a significant effect" on the gelatin industry. "The gelatin business is in a state of overcapacity due to imports. This has just

creased the problem, he says. Others agree. In the absence of many hard capsule manufacturers, soft capsule usage has increased. These capsules also use gelatin, but gelatin producers explain that there is not as much money to be made in the soft capsule market. One says that the pork-skin derived gelatin that goes into hard capsules is generally of a higher bloom than the beef-hide derived gelatin that is used in soft capsules. He says that, in general, the higher the bloom, the greater the profit margin. Another producer notes that Johnson & Johnson's share was so large, its pullout was going to hurt the gelatin industry regardless of the bloom used.

PROBLEMS OVERCOME?

Some other producers, and believe that the gelatin industry's problems will be overcome. They admit that the short-term effects have been troublesome to a certain extent, but are convinced the long-term effects will not be great. These sources cite increased demand in other areas and the opinion that hard capsules will make a comeback. The latter point is agreed upon by most of the industry, which feels hard capsules are still the preferred dosage form, especially by

Something the entire domestic industry agrees on is the effect of imports on the market. Producers see imports as being the main reason for oversupply, and claim that tariff discrepancies make the situation unfair. Colombian and Brazilian imports come to the US duty-free, while producers says there is no market for US product in those countries. Meanwhile, most Western European countries are charged with a tariff between 6 and 7 percent, while gelatin going to Western Europe from the US is slapped with a 12 percent tariff.

Imports to the US are up through June. Nearly 6 million pounds have entered the country, compared to 5.5 million pounds through June 1985. This is despite the lower

But, because of the lower US dollar, and despite tariff discrepancies, US producers say the export market is growing. They feel that if the dollar keeps falling, this opportunity will continue to grow, and help alleviate

NEW CANDY FAD HELPS

Another thing which most producers are optimistic about is gummibears. This is the much-touted, gelatin-based candy the indusy has been hoping will increase demand. All but one surveyed producers agree that is currently happening. The dissenter expresses disappointment at gummibears' growth rate. Others, however, think that some people in the industry overestimated the product's po-

One producer thinks that General Foods'
"Jello-Pops" is going to "take off," while
another mentions that a minor but growing another mentions that a minor but growing use for gelatin is in the sports games industry. He says that one company is manufacturing a dye-filled capsule, using gelatin, for simulated war games. So, overall, gelatin sources are convinced that demand will gradually grow, especially if hard capsules do return. However, many doubt the demand

will rise. Prices are said to be firming now, after a lengthy period of softness. This is attributed to the need to restore profit marhowever.

Because of tampering, many hard capsules have been taken off the shelves. The first and most prominent of these recells were a straightful to the need to restore profit many gins, as well as the slightly growing demand in some areas. Some say the hard capsule situation will probably prevent rapid firming. List prices are called upweaking the straightful to the need to restore profit many gins, as well as the slightly growing demand in some areas. Some say the hard capsule situation will probably prevent rapid firming. some producers say material can be purchased between \$1.50 and \$2 per pound, depending on the bloom. One producer, however, says the higher blooms can cost up to \$2.50 per pound.

> ANNATTO EXTRACT — Miles Laborato ries, Inc.'s biotech products division is increasing its prices for annatto food colors, effective on deliveries made on or after Sep-

The new prices for the comapny's AFC "Water SOluble 445" (single-strength) will be \$8.30 per gallon in 55-gallon, closed-head

PRICES TRENDLINES

WEEK ENDING SEPT. 4, 1986

CHANGES/UP D-cel-pan, \$1 per kilogram

CHANGES/DOWN

DRUGS INDEX

The Drugs & Fine Chemicals index reflects the prices of 10 representative materials in this sector and the quantity

or each produced in 1999.	
Sept. 5, 1986	21
Aug. 29, 1986	21
Aug. 8, 1986	21
Sept. 6, 1985	21
Copti of 1000 tillimit	_

Chemical Prices Start on Page 36

non-returnable steel drums; \$8.60 per gallo in 5-gallon white plastic pails; and \$8.75 per gallon in four 1-gallon cartoned plastic bottles. AFC WS 890 (double-strength) prices, and the same basis, will be \$14.75, \$14.90 and the same basis, which same basis, which same basis, which same basis are the same basis and the same basis and the same basis and the same basis are the same basi

\$15.20 per gallon, respectively. The increases average 3.5 percent.

According to a Miles spokesman, the increases were necessitated by "inordinately large" increases in bixin seed (the source of the solution of the soluti the color extract) and in utilities, labor, pack aging materials and environmental with systems. He says that in Kenya, a strikt farmers caused the bixin seed to remain of the vine longer than needed, and therefore rotted and much of the crop was lost. Keyland Barry and Barr and Peru are the main world sources of bizi

DIAGNOSTIC REAGENTS - Venire Laboratories, Inc. entered an agreement with Dade/Baxter Travenol on September to provide certain diagnostic reagents and

According to a Ventrex spokeswoman, its first order was accepted last week. The product involved in the product involved in the product in th product involved in the agreement are expected to compliment Dade's immunodiate nostic products. Neither Ventrex nor Dade will specify the contract of the contract in the contract of the contract in the contract of the con will specify what products are involved in agreement, saying that not disclosing these products is part of the deal.

Ventrex's spokeswoman says the agest ment should increase the company's sales is hospital clinical laboratories, while still leaving more facilities. leaving room for direct solicitation of physical cians regarding its rapid immunodiago

screening tests.

Ventrex, a biotechnology company, as recently entered a manufacturing agreement with the Warner-Lambert Company. The spokeswoman says this is part of year trex's plant to enter the over-the-countermarket.

METHIONINE - Monsatito Agriculti

DRUGS & FINE CHEMS

Company's animal sciences division is raising its prices for the methionine hydrox-yanalogue feed supplements "Alimet" and "MHA" effective October 1.

"Alimet," a liquid methionine source, will cost \$1.15 per pound for bulk tank truckloads. This is an increase of 16c. per pound. Less than truckload shipments will be \$1.18 per pound. Meanwhile, the price of "MHA," the dry methionine source, is also increasing 16c. per pound, to \$1.13. Less than truckload shipments will cost \$1.16 per pound.

ments will cost \$1.16 per pound.

Monsanto notes that prices for both products will be 3c.-per-pound higher for spot sales, and shipments to Arizona, California, Idaho, Nevada, Oregon, Utah and Washington will be an additional 5c. per pound.

Customers will be able to order "Alimet" and "MHA" at current price levels until September 30, providing all orders are shipped

"This price increase will permit recovery from the effects of the strong dollar and inflation of several years ago," says a Mon-santo spokesman. Prices were said to be low because of competition levels in 1985.

QUININE/QUINIDINE - Quinine and nidine prices, which have been rising for all of 1986, continue to rise gradually. However, some speculate that prices have peaked, but add this depends on the US dollar.
The US dollar is considered the main fac-

tor in the products' firming. Last September. quinidine sulfate was priced between \$3.60 and \$3.70 an ounce. A year later, estimates range from \$4.25 to \$4.50 per ounce. Early in 1986, the price was between \$4.20 and \$4.25. Quinine hydrochloride is between \$2.50 and \$2.58 an ounce, while quinine sulfate is between \$2.38 and \$2.58 per ounce. These also represent slight increases over early-1986

Africa's cinchona bark is also cited. This has been a point of debate within the industry for years. Some sources say this blight has a very real effect on the market place, and therefore supplies are tight. Others, though, insist that while the problem is a real one, its extent is exaggerated in order to firm selling prices. Finally, some believe that if driving up selling and the selling are selling a ing prices were the sole consideration, they would be even higher than they are now. They say that with the presence of some spot

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Ironically, Indonesian product is priced nigher than African product. This is ironic because the Indonesians process their own material, rather than export it for processing. So, their costs are lower. But, an observer says those involved in Indonesian quinine (there is no Indonesian quinidine in the US) have decided to "be competitive" and charge more, at the risk of losing some business, because they feel the market can support higher pricing. An importer says that, with this philosophy, his company has "gotten business and lost business."

United States Department of Agriculture recently compiled 1985 cinchona bark statistics. A USDA official says Zaire (the largest source) produced 3,900 metric tons last year, up from 3,400 metric tons in 1984. This total as crept upward the last few years, but is still considerably lower than the average total of the late 1970's. For example, in 1978, 5,400 metric tons were produced.

Rwanda's total is up considerably, to 716 metric tons, up from 1984's 600 metric tons.

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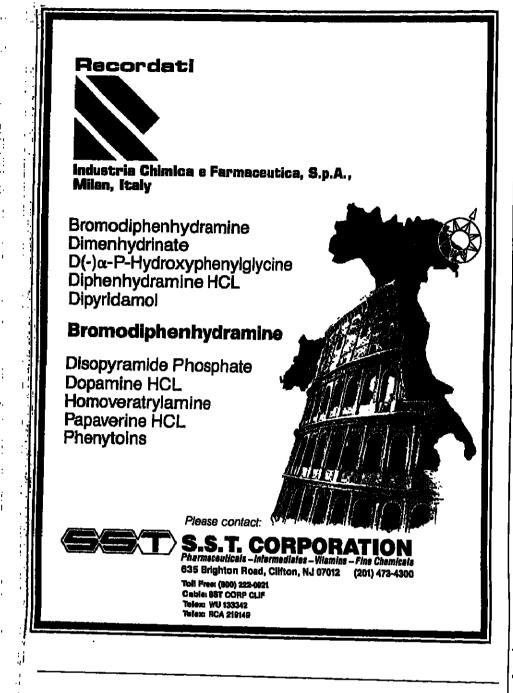
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Diammonium phosphate, 20 percent; merchant shipments (for feed, industrial and blending applications), 10 percent; superphosphoric acid, 7 percent: monoammonlum phosphate, 5.5 percent; triple-superphosphate, 4 percent; dy fertilizer exports, 41 percent (including 75 percent DAP, 20 percent TSP, 5 percent MAP); SPA exports, 7.5 percent; phosphoric acid exports, 4 percent miscellaneous, 1 percent.

Fall export shipments of phosphoric acid and ammonium phosphates should pick up since China and India are expected to re-enter the market after a

Producer operating rates were below 60 percent this Summer. Prices are also ong-time low. Forecasters predict more farm acreage reductions for 1987. Name production in North Africa and the Mideast will decrease the US share of in world market an estimated 10 percent by the end of the decade.

Despite shrinking share of the world market, US exports should grow, due to increased population and grain demand. No new plant construction is expected through 1990. World demand growth will improve operating rates.

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Chemicals May Detect Arson Continued from Page 9

as wood, synthetic fibers (rugs), and plastics under controlled laboratory conditions.

Upon analysis of the soot from these fires, Mr. Chesier and his colleagues noticed that PAHs were showing up in easily detectable quantities. When the same household materials were burned without using accelerants, only minimal amounts of PAHs were present - "not enough to interfere with the test," Mr.

Chesler says.

The technique appeared to be working in the lab, but the question remained: How well would it perform in an actual fire? To find out, Mr. Chesler enlisted help in gathering on-location soot samples.

He asked forensic chemists at the Treasury Department's Bureau of Alcohol, Tobacco and Firearms (BATF) to collect sooty residues from the fires that agency periodically starts for training purposes in abandoned residential buildings. Only a portion of the fires were initiated with accelerants, and NBS' job was to determine which ones.

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Later, from resulting analyses of the soot samples, NBS researchers succeeded in identifying all the accelerant-started fires.

Despite its apparent promise as an arson detection tool, Mr. Chesler says the test method needs "considerable work" before it could be used as court evidence and that care must be taken when interpreting results. For example, the technique could not be applied in some situations such as a building that housed hydrocarbon-based liquids before the

Mary Lou Fultz, a BATF chemist who has collected soot samples for the NBS research, says the technique could have value as a supplement to existing arson detection techniques. "I can see it adding credence to current methods," she says. (Arson is typically implicated when small traces of unburned accelerant are detected after the fire is ex-

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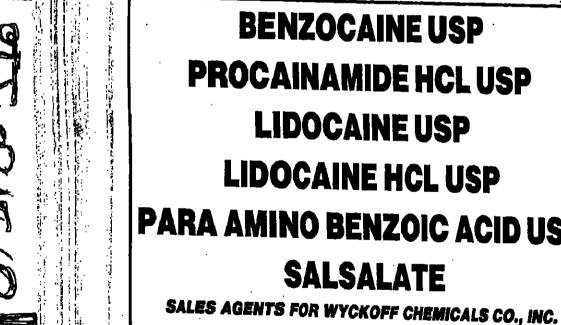
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Du Pont Test Help for AIDS

Du Pont's Biotechnology Systems Division has added to its growing line of AIDS research products by introducing a nick translated DNA probe for HTLV-III

The HTLV-III "Nick Translation Long Probe System" is designed to analyze re-search samples for the presence of HTLV-III by detecting sequences that are complemen-tary to the radiolabeled probe provided in the

The DNA probe can be used by researchers to confirm results from the Du Pont p24 RIA antigen kit that was introduced earlier this

Both tests are equally sensitive to p24 and are more quantitative than a reverse transcriptase assay. The high degree of sensitivity provides researchers with ability to study the action of drugs being tested against the HTLV-III virus.

The reverse transcriptase method of quantitating p24 is 200 times less sensitive than both the RIA and DNA probe systems.

Moreover, a reverse transcriptase assay is far more labor intensive and can take up to two days to complete.

The p24 RIA kit can provide a result in several hours, and the DNA probe system can detect 104-105 copies of HTLV-III DNA or RNA in an overnight exposure.

Studies with clinically relevant viral, bacterial and human DNA show no cross reactiv-

The HTLV-III Nick Translation Long Probe System comes with purified DNA frag-ment, standard curve positive control DNA, 'NENSORB-20" cartridge, alpha 32p dCTP, DNase 1, DNA polymerase I, control plasmid

DNA and deoxynucleotide triphosphatem

A detailed manual, quality controlled po tocols, and a troubleshooting guide are also provided to assist researchers less familia with molecular biology procedures. Tends translation assays can be done with this sp tem and 120 to 450 samples can be screened

Patent Pact Set By the US, Korea

The Reagan Administration has negotiated an agreement with the government South Korea that will halt Korean piraling of American patents and other intellected property, including pharmaceuticals and

According to the White House, South Kores has agreed to amend its patent laws to in clude chemicals, pharmaceuticals and her microorganisms, remove restrictions many alty terms in trademark licenses, and observe international agreements on cor-

Current Korean law denies patent putetion for pharmaceuticals and agriculture

"This agreement represent a mile achievement in our efforts to obtain elective intellectual property protection for American industries," said President Reagan "Thus, this agreement will encourage free trade with the Republic of Korea and renown

Agreement by the Scoul government care almost a year after President Reagan or dered a formal investigation by US track representative Clayton Yeutter into wish trade practices that could have led to U

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Radioactive Chemicals Continued from Page 7

ter systems. All of the radionuclides appear in greater frequency and at higher levels in private wells and the smaller (those serving less than 1,000 people) public water systems.

Relatively high levels of the naturally-occurring radionuclides are found in specific areas of the country. The two isotopes of radium are most prevalent in the North-Central states and the Appalachian region. Initial monitoring data and surveys lead EPA to estimate that as many as 500 public water systems may exceed the interim standard for

Almost all of these are expected to be from groundwater, not surface water, supplies. About two-thirds of those exceeding the interim standard of five picocuries per liter of water (a picocurie is one trillionth of a curie, a common measure of radiation) are in the range of five to 10 pCi/1.

The agency estimates the population risk of bone cancer from elevated levels of radiam in water supplies is in a range between three and 60 deaths per year for each of the two radium isotopes. Outside the North-Central and Appalachian areas, radium has widespread occurrence throughout the United States but at levels which carry a very smali health risk.

High levels of uranium in water are most prevalent in the Colorado plateau and the Rocky Mountain region. The populationweighted average uranium concentration in the United States is estimated to be 0.8 pCi/1.

Because of a large uranium deposit in South Dakota, that state has been found to have the highest average uranium concentration at 6.7 pCI/1. Most of the Western states have average concentrations above two pCi/

Projections from available data lead to estimates that a few hundred public water supplies may exceed 40 pCi/1, a risk level comparable to the interim radium standard.

The agency's future proposal to regulate radionuclides in public water supplies would include both Maximum Contaminant Level Goals (MCLGs) and Maximum Contaminant Levels (MCLs)

The goals (MCLGs) are non-enforceable health goals set at levels that will result in no known or anticipated adverse health effects, with an adequate margin of safety.

MCLGs for all the radionuclides mentioned are expected to be set at zero since they are carcinogenic and thus a margin of

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safety cannot be established. EPA will also propose MCLs and monitoring requirements. MCLs are enforceable standards and are set as close to the goals as feasible, taking into account cost, availability of treatment tech-

nologies and other practical considerations.
The original Safe Drinking Water Act of
1974 required EPA to establish interim regulations for a limited group of contaminants and at a later date revised regulations for these and other contaminants. However, the 1986 amendments to the Act require EPA to develop MCLGs and MCLs simultaneously and to eliminate the distinction between interim and revised regulations.

Cyanamid

Continued from Page 3

vhich the glass panes are encapsulated into RIM frames away from the assembly line. The RIM can be impregnated with aliphatic socyanates to add light stability to the frame, enabling it to retain its original color without repainting. To date though, the Mobay official points out that very little aliphatic isocyanates have been employed in RIM applications.

The Cyanamid announcement marks the second major aliphatic isocyanate capacity increase started in six weeks. At the end of July Mobay sald it was implementing a 25percent expansion of its HDI polyisocyanate capacity at Baytown in order to "keep pace with the growing demand from the paint industry." The expansion is due on line in mid-1987. At the time Mobay said supplies of HDI-based polisocyanates had grown tight, mainly because of increasing demand for high performance polyurethane coatings. The market is expected to further grow Mobay says, because of active development projects in markets such as new auto topcoats, maintenance coatings, wood, coll, pipe and roof coatings and heavy industrial coat-

Cyanamid says production facilities for the meta-TMXDI and meta-TMI will be completed in 1987. Later on, the company says it will begin producing para versions of the two compounds. The production route marks the first commercial attempt to produce isocyanales without phosgene since Arco abandoned an effort to make MDI without phosgene several years ago.

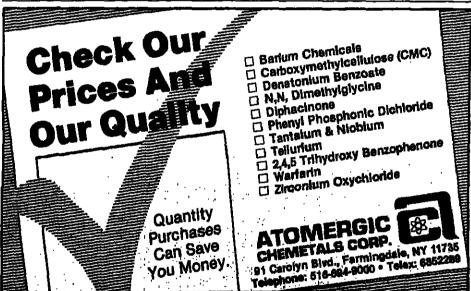




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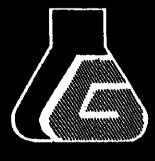
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Chemical Finance

BP's Profits Hold Despite Oil Price Decline

British Petroleum Company's historical cost profits before extraordinary liems in the second quarter declined to \$417 million from \$445 million a year ago. On a replacement basis, profits rose to \$732 million from \$572 million a year ago. Inventory losses totaled \$415 million because of the oil price decline.

Chemical, Coatings Merger Trend Steady

There were 40 mergers in the chemicals, paints and coatings field in the first heli of this year, versus 45 a year earlier, but the dollar value was nearly the same at \$2.9 billion, versus \$2,916 billion a year ago, according to W.T. Grimm & Co., Chicago. For all is industry, the value of first-half mergers declined to \$77 billion from \$100 billion last year.

Exxon's Shares to Be Listed in Tokyo

Exxon Corporation has applied for the listing of its shares on the Tokyo Stock Exchange. The listing, the first for any foreign oil company on that exchange, is expected to take place in the fourth quarter.

Gas Conversion Increases 9 Percent in 1985

Conversions of existing homes to natural gas from alternative fuels increased; percent in 1985 over 1984, according to the American Gas Assocation. Of total completions to gas, some 76 percent, or 113,475 units, were from fuel oil. Conversions to electricity amounted to 20,808.

Loctite to Buy Remaining Luminescent Shares

Loctite Corporation, Newington, Conn., has agreed in principle to acquire all the remaining shares in Luminescent Systems, Inc., of Lebanon, N.H.., in which it has held 15 percent interest for the past two years.

Sohio to Issue Notes Indexed to Oil Price

Standard Oil Company, Cleveland, Ohio, will issue \$100 million of notes indexed to the price of oil and due September 1, 1989. Unlike the oil-indexed notes which the company issued in July, these notes will not carry fixed coupon debentures.

Staley Filing for Global Stock Offering

Staley Continental, Inc., Rolling Meadows, Iil., has filed an SEC registration statement for a proposed global offering of 4 million shares of common stock, 3 million for the US and 1 million for markets abroad.

3M Gives Analysts Optimistic Forecast

3M Company expects higher sales and carnings for the third quarter and for the full year, company executives told analysts in St. Paul, Minn. 3M's business is benefiting from a strong flow of new products and from programs to improve productivity and control posts are executives at the control posts.

Vencap Invests \$3 Million in BioTechnica

Vencap Equities Alberta, Ltd., has invested an additional \$3 million (Canadian) BioTechnica International of Canada, Inc., raising its total investment to \$7 million. The companies have agreed to an additional \$5 million investment over the next two years. subject to certain conditions.

Werthelm Recommends Nova and Imre Corp.

Werthelm & Co. has reaffirmed its recommendation on the shares of Nova Pharmsceutical Corporation and is advising clients interested in speculative, high growth small companies to purchase Imre Corporation's shares. Takeda Chemical, of Japan, has taked an equity position in Imre and will seek rights to develop the company's "Prosorba" filler for the Japanese market. Nova has exclusive worldwide rights to use Pharmatee Corporation's carrier technology for treating brain tumors and inflammations.

Canonie Making First Public Offering

Kidder, Peabody & Co., as manager of the underwriting group, announced the first public offering of 1,750,000 common shares of Canonic Environmental Services Corput tion at a price of \$15,000 common shares of Canonic Environmental Services Corput tion at a price of \$15 per share.

DSM's Net Up Despite Lower Sales

Dutch State Mines, the inorganics producer headquartered in the Netherlands, rest its net income in the first half to the equivalent of \$94 million from \$91 million a year as Sales declined to \$485 million from \$600 million and operating profit eased to \$18 million from \$218 million but leaves to \$1800 million from \$218 million from \$218 million but leaves to \$1800 million from \$218 million million from \$218 million, but lower taxes and smaller non-operating charges products

Engelhard Boosts Cash Dividend

Directors of Engelhard Corporation, Edison, N.J., have approved a 6 percent increase in the cash dividend on the common stock to 19 cents per share from 18 cents, payen September 30, to holders of record on September 17.

Greenwell Montague Research has reaffirmed its "buy" rating on the shares of Bay. AG, noting that it views the long-term prospects of Bayer as a little stronger than the its two largest German rivals — Hoechst AG and BASF AG.

Damon Withdraws Subordinated Debenture Offering

Damon Corporation has withdrawn its proposed public offering of convertinated debentures. Damon had no specific use for the funds, and the present

Standard Gypsum Completes Stock Sale

Standard Gypsum Corporation, Houston, Tex., has completed the sale of shares of its common stock to General Minerals Corporation, of Canada, and shares to Loeb Investors Company. The company also has agreed to purchase from Corporation 12,428 acres of land in Culberson County. Tex., believed to contain in the company also has agreed to purchase from Corporation 12,428 acres of land in Culberson County. Tex., believed to contain the company of 200 million pounds of gypsum reserves.

National Gypsum Sells Glass Assets

National Gypsum Company has signed a letter of intent to sell most of the assets of its Binswanger Glass subsidiary to ACI International Ltd., an Australian manufacturer of glass and plastic containers and building products. The purchase price was not dis-

Binswanger is headquartered in Memphis, Tenn. and distributes glass throughout the South and fabricates mirrors and thick glass for furniture applications.

National Gypsum says the sale is part of its strategy to divest itself of non-core business units. The company says it is refocussing its operations on building products and services.

ACI currently distributes and fabricates

glass and mirror products on the West Coast and it the leading marketer of glass products

Dow Sells Stake In the Rorer Group

Dow Chemical Company has sold its stake in Rorer Group in a private transaction for approximately \$80 million, or \$39.50 per share. Dow held just over 2 million shares, or about 9.5 percent of Rorer's total shares out-

Dow accumulated the shares for investment purposes over a short period, running from mid-1983 to early 1984.

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Dow says the sale of the shares is part of the normal management of the company's

funds and investments.

According to Dow, proceeds from the sale will be used to retire a portion of the company's debt.

As a condition of the sale, the purchaser of the stock has agreed to pay Dow an additional amount should Rorer merge with or be acquired by another company within the next 12 months under terms in which the value of Rorer shares exceeds \$43 per share.

Last Summer, Dow unsuccessfully fought adoption by Rorer directors of a "poison pill" provision designed to discourage a takeover.

Pfizer to Acquire A Pump Producer

Pfizer, Inc. has signed an agreement to acquire Infusald Inc., a producer of implantable and external infusion pumps, from Internedics Inc. Terms of the deal were not

Infusaid, based in Norwood, Mass. will join the Shiley division of Pfizer's Hospital Products Group.

The purchased company sells pumps that are used to regulate the flow of medicine into hospital patients, and had sales of \$13.5 million last year.

Pfizer's Hospital Products Group was formed in 1972, and is a worldwide manufcturer and marketer of a variety products including artificial hips and knee joints and respiratory equipment

The Division had worldwide sales of \$555 million last year. Intermedics, headquartered in Angleton, Tex., produces medical equipment, including pacemakers.

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Chemical Safety Course Subject For Employees

Mentor Learning Systems Inc., a new company located in Santa Clara, Cal., has introduced two interactive computer-assisted training programs developed to help meet federal Occupational Safety & Health Administration requirements.

The two programs — Chemical Safety: A Hazardous Materials Handling Program, and Managers Safety: A Training and Appraisal Program - teach managers and employees about safe industrial practices and the re-quirements for establishing safety programs designed to meet government regulations and industry standards.

The software training programs were developed under an OSHA grant that was awarded to the American Electronics Association (AEA), the electronics industry's largest trade association.

Chemical Safety teaches employees how to work safely with hazardous chemicals and allows managers to document employee training for compliance with the latest federal OSHA guidelines.

Managers Safety teaches managers about government regulations on safety in the industrial workplace and enables them to evaluate their company's current safety program. The programs constitute Mentor's product line called the Ultimate Safety Se-

"The need for safety in the workplace is a top priority for industry today, especially in light of the current OSHA right-to-know rules and the increasing costs associated with industrial accidents," says Ken Zerbe, president and chief executive officer of Mentor Learning Systems.

The newest OSHA rules, which took effect in May 1986, require that all workers who come in contact with chemicals and other hazardous materials be given safety train-

panies providing that training. The rules apply to about 320,000 manufacturing businesses and 575,000 chemicals. According to OSHA estimates, 14 million workers are

Herbicide 2,4-D Is Under Fire

Environmental Protection Agency says it plans to conduct a special review of the herbicide 2,4-D to determine whether its use should be restricted based on a recent study which linked the chemical to cancer in farmers.

National Cancer Institute researchers have found that farmers exposed to 2.4-Data minimum of 20 days per year had six times the normal rate of non-Hodgkin's lymphoma. Farmers who mixed batches of the herbi-

cide had cancer rates eight times higher than normal. Non-Hodgkin's lymphoma is a tumor that develops in the lymph system.

A spokesman for Dow Chemical Company one of a dozen US companies producing the herbicide, notes that a number of studies have been conducted on the health effects of 2,4-D, including a New Zealand project that found no link between the chemical and lymph cancer.

EPA toxicologists, who say the new study raises serious concerns, are currently reviewing another laboratory study that found male rats developed brain tumors from exposure to 2,4-D. However, the agency says it has not determined the reliability of that study yet.

Based on the results of its special review

EPA could restrict the use of the herbicide or even order it off the market. But because benefits must be weighed against risks, EPA has been reluctant to ban widely used prod-

The NCI researchers recommended that the increased cancer risk could be cut by 40 percent if workers wore protective clothing while mixing and applying the herbicide.

The was carried out in conjunction with Kansas State University and the University



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PERFUMES & FLAVORINGS

Phenyl Ethyl Alcohol Prices Stable Despite Rise in Imports pounds in May to 84,155 pounds in June, 1986. "People are going hand-to-mouth because

Phenyl ethyl alcohol prices continue stable amid steadily increasing demand and even greater availability. Year-todate imports through June, 1986, totalled 884,633 pounds, almost 180,000 pounds more than the January-June total for 1985: 707,928 pounds. If current import rates continue, the projected 1986 total would reach 1,769,266 pounds. more than 430,000 pounds over the 1985 year-end figure of 1,338,726 pounds.

Prices have held at \$2.10 to \$2.20 per pound despite import surges and a fluctuating dollar. "The price is closely tied to the strength of the dollar," says a domestic producer. "Now that the dollar has weakened, the price is quite firm." Domestic manufacturers of phenyl ethyl alcohol are therefore pleased with the stabilized prices. A weakened dollar means the various importing countries, primarily China, Japan, France and Mexico, have less of an advantage on the

Conversely, importers see the pricing as too low. "The material is too inexpensive," states an importer. Another importer sees overseas production as responsible for the volume: "There is plenty of demand but even more supply." Imports account for roughly 80 percent of the US market.

BASIC BUILDING BLOCK

Phenyl ethyl alcohol is used in a large number of perfumery items. As one manu-facturer notes, "It is one of the basic building blocks in making everything from toilet soap to bath oil." Subsequently, the successful markeling of one item that includes this ingredlent could increase consumption.

Despite the prevalence of phenyl-ethyl alcohol in the perfume industry, "it is also used as a starting material for other products outalde the fragrance market," says an importer. However, he maintains that although consumption is increasing, the established applications remain static: "Buying patterns don't represent a fundamental shift in popularity is

Although phenyl ethyl alcohol has been un-er investigation to determine whether or not it is a carcinogen for the past fifteen years, the Food and Drug Administration, National Cancer Research Institute and the Research Institute for Fragrance Materials are in agreement that there is no threat. According to the Cancer Society, "Phenyl ethyl alcohol is not listed as a known or suspected carcinogen." However, a representative from the Research Institute for Fragrance Malerials says that "in contrast to the fairly routine, simple tests of the past, more serious tests are currently under way."

LIME OIL — Lime oil prices remain soft at \$5 to \$5.75 per pound as demand continues to weaken. Imports were down from 132,401

SEED & SPICE IMPORTS: MAY

ASELECTION OF STATISTICS FROM THE BUREAU OF CENSUS.

"Importers are buying only as required."
Prices have plummeted over the last yearand-a-half from almost \$18 per pound in
February, 1985, to \$5 per pound today. An PRICES TRENDLINES WEEK ENDING SEPT 5, 1986

the demand is so soft," says an importer. "No

one is likely to inventory when prices are at such a low point." Another importer also sees

the material being shipped on a limited basis:

CHANGES/UP Antee Seed, Turkieh, 2-5c. per ib.
Annatto Seed, Kenyan Ltd., 7c. per ib.
Cassia, Indonesian A, 12-18c. per ib.
Cassia, Chinese Tunghing, 12c. per ib.
Cassia, Chinese Sinkrang, 35c. per ib.
Dill Weed, Egyptian, 5c. per ib.
Laurel Leeves, Turkish, 5-10c. per ib.
Nutmegs, E.I. Reconditioned, 5c. per ib.
Oregano, Greek/Turkish, 25c. per ib.
Pepper, Brazillan black, 4c. per ib.
Pepper, Maisbar black, 4c. per ib.
Pepper, Muntok white, 2c. per ib.
Turmeric, Allepey FAQ 5-5.5%, 2c. per ib.

CHANGES/DOWN

Alispice, Gustemaian, 1c. per ib.
Alispice, Moxican, 2c. per ib.
Coriander Seed, Morrocan Delivered, 1c. per ib.
Cumin Seed, Indian, 1c. per ib.
Cumin Seed, Iranian, 1c. per ib.
Cumin Seed, Chinese Rocleaned, 3c. per ib.
Merjoram, Egyptian, 1-2c. per ib.
Nutmegs, E.T. Reconditioned Del., 8c. per ib.

PERFUMES INDEX

The Perfumes & Flavorings Index reflects the prices of 11 representative materials in this sector and the quantity of each supplied in 1985.

Sept. 5, 1986 Aug. 29, 1986 Aug. 8, 1986 Sept. 6 1985	
	tart on Page 38.

analyst attributes the falling prices to Mexico's over-production. "There is a huge over-

supply of lime oil in Mexico." Buyers had hoped the use of fruit juices in domestic soft drinks might stimulate the lime oil market, but grapefruit oil remains the ingredient of choice. "The soft drink industry has had little demand effect on lime oil; we haven't seen any across-the-board changes whatsoever," says a broker,

With both demand and pricing soft, an importer finds the material a risky investment: "If the price does escalate, people will move into another oil, such as lemon or orange, rather than pay more for lime. There is very little money in lime oil."

VETIVER OIL — Haitian vetivert oil has climbed \$3.50 per pound over the past two weeks, from \$24.50 per pound to \$28. "The Haitlan oil is very good material," says

APRIL 621,830 227,377 103,286 894,384 325,149 395,651 7,811,870 386,898 142,945 241,217 723,713 502,869 416,504 416,505 366,294 306,294

919,531 198,121 279,780 60,676 676,241 828,122 824,127 7,280,628 288,269 288,269 1,181,267 11,252,203 1,747,841 238,138 869,780 52,066

3,654,671 1,697,519 1,175,485 1,337,851 2,763,270 3,942,210 2,009,452 3,255,665 36,160,218 1,795,452 6,669,474 38,138,613 6,549,474 38,138,613 1,428,861 1,428,861 1,603,021 1,4419,319

667,617 416,013 700,664 571,963 954,456 154,207 641,325 7,151,685 322,301 2,351,695 4,694,000 1,680,016 63,520 283,622 283,623 172,611

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CASSIA — The cassia market continues to firm with spot prices up 12 to 15c. per pound.
Points of origin in Indonesia are offering only
small amounts to shippers, "It appears that a cartel is forming and an effort to coordinate a price hike is succeeding," says a broker.

Another industry problem of the coordinate will supply steam to Pfizer's nearby citric Another industry analyst says these claims acid plant while generating electricity for the unlikely to be realized. "It's always in the Carolina Power & Light Co. at vague terms that we hear about this." He notes that the market is resistant. "Demand rarely varies; when they raise or lower prices consumption stays the same. The market is

OREGANO — Greek and Turkish oregano are up still further to \$2,25 per pound from \$1.15 three weeks ago. The 1985 crop is gen-

erally considered to be exhausted, with no new information on the 1986 crop available. "We're just waiting," says a broker. "The only change is the escalating price of last

Pfizer Breaks Ground For Cogeneration Unit

Ground has been broken in Southport, N.C., Brunswick.

Located on a 30-acre CP & L site due West of Pfizer, the cogeneration facility will be built by Cogentrix Inc. of Charlotte at an estimated cost of \$80 million.

Pfizer says project will serve as a satellite energy plant for the company, a heavy consumer of steam in Southport. Steam ex-

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hausted from the Cogentrix turbines and piped to the Pfizer plant will improve the company's position as a manufacturer of citric acid, Mr. Adams said.

According to Larry Frost, Cogentrix vice president, the Brunswick County installation is a sister to a similar power plant designed to serve the textile industry at Roxboro, N.C. Both will conform to state and Federal environmental standards in accordance with the ublic Utility Regulatory Policies Act of 1978 which was enacted to stimulate cogeneration in a broad array of industrial and commercial applications.

Landscaping is an intrinsic part of the plant design which reflects advanced technological and pollution control concepts, Mr.

Also participating in the groundbreaking ceremony with Cogentrix executives were U.S. Congressman Charles Rose representing North Carolina's Seventh District; Secretary of Transportation James E. Harrington, who attended for Governor James Martin;

Donald E. Kolowsky, executive vice presdent - Pfizer Chemical Division; Donald Farley, senior vice president - Pfizer Chenical Division, and Michael E. de Sherbin director of the Resources Development Conmission for Brunswick County.

Pfizer's critic acid facility at Southpool recently observed its tenth year of open tions. The plant is designed for easy expansion to provide capacity for growth in the demand, particularly in emerging industria and detergent applicants, Mr. Adams said

Citric functions as an acidulant, flavorant and preservative in a variety of foods and beverages and in pharmaceutical and cometic applications.

Pfizer Inc. is a worldwide research-based company with businesses in health care, agriculture, specialty chemicals, materials science and consumer products. The company reported sales of more than \$4 billion in 1985.

EPA Proposes Methanol Rule

Environmental Protection Agency has proposed pollution control measures for future motor vehicles designed to use pure methanol as a fuel.

EPA is proposing low and high altitude emission standards for methanol-fueled passenger cars, light and heavy trucks and motorcycles beginning with the 1988 model

In general, the proposals specify standards for methanol-fueled vehicles which correspond with standards currently applicable to gasoline-and dieseled-fueled vehicles.

Methanol-fueled vehicles are expected to be able to comply with the proposed stardards using very similar technology to that used for gasoline and diesel vehicles.

"This approach," said Craig Potter, EPA Assistant Administrator for the Office of Air and Radiation, "will provide equal environmental protection for vehicles of different fuel types while removing regulatory impel-iments to the production of methanol-fueled

METHANOL VEHICLES LIMITED

Methanol vehicles are currently being built only in limited numbers by automobile companies and research groups. Severalist fleets are in operation in California and other parts of the world.

Methanol is appealing for several reasons. EPA noted. The technology to produce methanol from US-based energy sources b well known. Engines designed to operate of methanol are more fuel-efficient than sm tar gasoline engines. Also, engines using methanol have relatively low emissions d both nitrogen, oxides and particulates.

The proposed carbon monoxide, nilrogal oxide and particulate standards are identical. to those for current vehicles. Particulate smoke standards, which currently applys to diesel-fuelcd engines and vehicles, are po posed for methanol engines and vehicle which are non-throttled in normal operation (diesel-fueled engines do not typically use throttle). throttle). A carbon monoxide standard to vehicles at idle is also proposed.

The major difference between the proposed webliefs and

posed standards for methanol vehicles at those currently applicable to gasoling to diesel vehicles is in the formulation of the hydrocarbon emission regulations. Methan engines emit higher levels of methanol sit formaldehyde than current engines, and these chemicals are not measured under the section of the secti isting test procedures. Therefore us to posals would require new procedures to used to measure methanol and formula hyde. These pollutants would then be included with other hydrocarbons in a load organic carbon standard equal to the strong of organic carbon standard equal to the strong organic carbon standard equal to the strong organic carbon standard equal to the strong organic carbon standard eq isting test procedures. of organic carbon currently allow emitted from existing vehicles. Existing standards limit gasol

Existing standards limit gassidiesel passenger cars to 0.41 gramsidiesel cars to 0.42 gpm nattoulates be with the 1987 model year.

an Advance Notice of Proposed issued by EPA in April, 1984 have been proposals.

HEAVY & AG CHEMICALS

Phosphate to Recover

asgulf scenario, at least to a point. Harry Raumes of Chase Econometrics, Balacynwyd, Pa., feels it works at least as a best picture analysis. He notes that changes in world food consumption patterns affect grain and consequently fertilizer production.

For instance, the trend in the US towards increased poultry consumption tends to decrease grain demand, as poultry are a much more efficient grain converter than are beef.

Likewise, he points out that phosphate production by countries such as Tunisia, Morocco and Jordan is generally state-controlled. These countries are not producing and selling on a profit-motivated basis, and are often interested mainly in generating foreign currency. Mr. Baumes does not see these producers as an insurmountable threat, but does regard them as a considerable question

For the present, though, observers point mainly to two bright spots: low inventories and signs that the export market is picking

Mr. Nyiri of Texasgulf says that while 1986 phosphate shipments are expected to hit 9.4 million tons, production is going to be closer to 8.7 million tons, with the difference being made up by inventory reductions.

Many producers agree with this idea, saying that most of them are sold out pretty much through October. Helping to deplete inventories was a mid-August tender by Pakistan of about 250,000 metric tons.

A.I.D. SPONSORED TENDER Phoschem, the export cartel representing some of the industry, was unable to partici-Pale, as the tender was sponsored by the Agency for International Development and was technically a domestic sale. Sources report that IMC and Texasgulf got the bulk of he order, with Gardinier taking the balance.

The negative side of the tender was the price between \$135 and \$137 per metric ton, bagged and f.o.b. vessel, according to one running in the \$138-to-\$140-per-metric-ton

Phoschem reports that other countries such as Iran, India and Japan have been aclive buyers, if not in such large quantities. Libya is reported to have purchased about 100,000 metric tons from Turkey and Koreu. This should help US business, at least indi-

Another tender from Pakiston, as high as 350,000 metric tons, has been rumored. China is said to still be shipping from its last-year orders, but is expected to be back in the mar-

Fred Blessi, president of Phoschem, says that after the Summer break-up of the group, it now includes Freeport, W.R. Grace, IMC, Occidental and Texasguif. These producers comprise about 50 percent of industry capacity that is now running, and are, Mr. Blessi feels, the ones who will survive the present crisis.

On the domestic side of the business, pro-

quoted between \$130 and \$132 per ton, f.o.b. US Gulf. These are called below cash cost by many. Business, as expected, is fairly quiet at

Formland Industries says it will restart one of its Greenbay, Fla., facilities this week. Some in the industry question the logic behind the decision, though one says the company is rumored to have a good deal on phosphate rock.

Not operating, however, are Amax, CF Industries in Bartow, Fla., and Beker Industries in Conda, Ida. When and if these plants will reopen is still up in the air.

BASES & SALTS

ALUMINUM SULFATE - Stauffer Chemical Company says it is increasing its

PRICES TRENDLINES

WEEK ENDING SEPT. 5, 1986

CHANGES/UP Caustic Soda, \$25 per ton

CHANGES/DOWN

HEAVY & AG INDEX

The Heavy & Ag Chemicals index reflects the prices of 18 representative materials in this sector and the quantity of each produced in 1985.

Sept. 5, 1986	113.69	l
Aug. 29, 1986	113.69	
Aug. 8, 1986	113.69	
Sept. 6, 1985	113.69	

distributor price for dry alum, effective October 1, or as contracts permit.

Chemical Prices Start on Page 36

The new distributor price for standard ground aluminum sulfate in 100 pound bags Source. Another source comments that he will be \$205 per ton, f.o.b. Bastrop, La., Houscouldn't have bought the raw materials for ton, Tex., Chicago Heights, Ill. and Atlanta, that price. Export prices are now said to be Ga. On the West Coast the new price will be \$220 per ton, f.o.h. Richmond, Calif.

Material sold in 50 pound bags will carry a \$10 per ton premium over the 100 pound bag price; bulk shipments will be discounted \$10 per ton from the 100 pound bag price.

In addition, powdered alum in 100 pound bags will be increased to \$275 per ton on the West Coast and \$245 per ton f.o.b. other producing and warehouse locations.

The Stauffer announcement follows a similar announcement made by General Chemi-

cal (CMR, 9/1/86, pg. 30). CAUSTIC SODA — Vulcan Chemicals has increased its price for 50 percent caustic soda by \$25 per equivalent ton. The move was effective August 29 to spot customers and as terms allow for contract customers.

Pricing, f.o.b. shipping point, for diaphram-grade will not exceed the following scheduled prices: Wichita, Kan., \$215 per ton; Geismar, La., \$195 per ton; Port Edwards, Wisc., \$245 per ton; Lynn Park, Ala., \$245 per ton; Long Beach, Calif., \$265 per ton; Denver, Colo., ducers are waiting to see what Fall fertilizer

demand with the see what Fall fertilizer

demand with the see what Fall fertilizer

\$295 per ton; Jackson with Ruffelo, Iowa. demand will bring. At present, prices are \$295 per ton; Jackson value, Lemont, Ill., \$220 per ton; Buffalo, Iowa,

FERTILIZER CHEMICAL OUTPUT: JUNE

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		3 OH IVE I TELL	
Ammonia, syn., anhyd. Ammonium nitrate Joneanmonium phosphates Ammonium phosphates Ammonium phosphates Ammonium phosphates Ammonium sulfate.	11 101	JUNE MA 1,089,515 1.255, 447,765 494, 151,293 198, 70,539 74, 45,910 52,	089 1,407,413 787 607,088 179 199,935 991 73,242
Ammonium phosphates. Diamnonium phosphate. Phosphoric acid. Phosphoric acid. Sulfuric acid. Superphosphate, concentrated Superphosphate, normal & anriched. Superphosphate and other phosphate fert.		545,845 691, 530,551 624, 731,268 778, 2,910,971 3,106, 149,781 192, 9,313 19,	861 944,693 001 682,225 815 846,524 218 3,323,730 589 222,773 207 30,023

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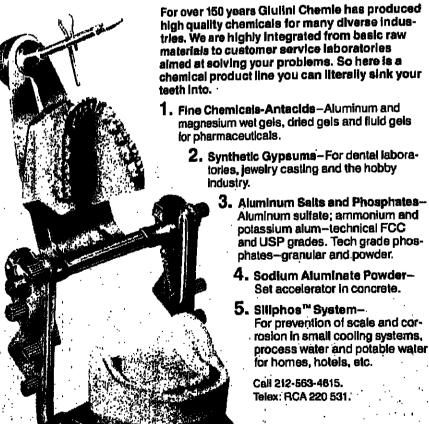
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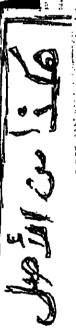
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HEAVY CHEMICALS

\$220 per ton; Baltimore, Md., \$240; St. Louis, Mo., \$225 per ton; Bayonne, N.J., \$240 per ton; Cincinnati, Ohio, \$220 per ton; Chattanooga, Tenn., \$245 per ton; Houston, Tex.,

Prices, f.o.b. shipping point for low salt grade will not exceed the following scheduled orices: Wichita, Kan., \$235 per ton; Port Edwards, Wisc., \$265 per ton; Long Beach, Calif., \$285 per ton; Denver, Colo., \$315 per ton; Lemont, Ill., \$240 per ton; St. Louis, Mo., \$245 per ton; Houston, Tex., \$215 per ton.

The price for diaphram grade 73 percent liquid caustic soda has also been increased \$25 per ton, not to exceed the schedule price of \$245 per ton, f.o.b. Wichita, Kan.

Delivered cost on all grades of liquid caustic soda will be equalized with recognized competition at seller's option. When the superfund tax is reauthorized, Vulcan will add the appropriate tax as a separate line item to

all invoices.
SULFUR DIOXIDE — C-I-L Inc. says it is increasing its price for sulfur dioxide to \$230 per ton from \$220 per ton. The new price is effective October 1, and is f.o.b. Chlcago.

Although C-I-L joins Stauffer Chemical (CMR, 8/18/86, pg. 28) and Cominco America (CMR, 9/1/86, pg. 31) in posting sulfur dioxide increases, a spokesman notes the increase is necessitated primarily to offset costs related to investment in new equip-

C-I-L, he says, is in the process of relocating its railcar-to-tanktruck transfer facility to the cite of its Chicago terminal in order to consolidate operations

The company also recently purchased an additional tanktruck, which, he says, will help to maintain the company's high level of

C-I-L markets sulfur dioxide produced by Inco in Coppercliff, Ontario.

In a related matter, Stauffer Chemical Company notes that starting September 1 it is offering food grade liquid sulfur dioxide on a regular basis. Stauffer says the material meets all FCC requirements. It is priced at \$240 per ton, f.o.b. Hammond, Ind., Baton Rouge, La. and Houston, Tex.

Late last week Tennesse Chemical Com-

pany said it will boost contract prices in bulk liquid sulfur dioxide shipped from Copperhill, Tenn., by \$10 per ton, effective October 1 or as contracts permit. The action will raise Tennessee's list prices for liquid sulle dioxide to \$230 per ton.

A Tennessee spokesman says the initialine represents the first industry price hike in 24 years. He says liquid sulfur dioxide cost have been increasing and that demand is

Biotech Test Set in Florida

The world's first field test of genet cally engineered, caterpillar-resistant plants has been approved in Florida by the US Department of Agriculture. Dr. Ronald Meeusen, manager of Rohm & Haas Company's Agricultural Biotechnology Research Program, said Rohm & Haas will test the plants in Homestead,

The experimental plant is a dwarf laboratory variety of tobacco which has had its genetic structure altered by the addition of a single gene of Bacilius thuringiensis, a naturally occurring biocontrol organism found in the soil. It has been used for more than 90 years as an environmentally safe, blodegradable insecticide. Rohm & Haas said. Tork only to moth caterpillars, Bacillus thuringiensis is non-toxic to other living

If the field tests are successful, said Dr. Meeusen, the technology could be applied to citrus, cotton, soybeans, corn, tomatoes, rice, potatoes, wheat, sugar beet and care, le bacco, timber and shade trees. The potential savings of insect-resistant plant to farmen worldwide could amount to hundreds of millions of dollars annually, the company

Moth caterpillars are the most destructive insects to world agriculture and forestry. Their common names include gypsy moth, cotton budworm, cotton bollworm, cutworm, armyworm, corn ear worm, cabbage looper, spruce budworm and pine borer.

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Bayer, Hoechst Continued from Page 3

year, up from 590,000 tons in 1972, for an "Lekutherm" product range for electrical and electronics industries.

average annual increase of 5.6 percent. Furthermore, there's little doubt that the pace is accelerating in the 1980's. The AAI in West Europe in 1983-1984 jumped to 10.5 percent and the increase for 1984-1985 is estimated to have been about 6.2 percent.

The figures compare with the West European consumption of plastics generally during 1985 of 18.8 million tons as against 11.7 million tons in 1982. This represents a modest 3.7 percent average annual increase

during the period.
Some of the highlights Bayer expects to show at the trade fair include liquid crystal polymers, thermoplastics such as polyphenylene sulfide and aromatic polyesters, a high heat-resistant, fully hydro-genated nitrile rubber called "Therban," paint raw materials aimed at coatings for plastics and car bodies and a high-performance glass fiber composite tradenamed

Emphasis across the product line will be, as in years past, on the three major end-use pousiries — automotive, electrical and elecronic engineering and construction.

In the automotive area, the Rover 800 luxury car, which was launched in July and will be shown at K '86, uses Bayer engineering plastics in more than 25 individual applications in eight different areas of the vehicle. The Rover 800 is at this point the UK car with the highest proportion of Bayer engineering thermoplastics — each car containing a total of 34 kilograms, the company says.

BREAKTHROUGH' PREDICTED

The company is predicting a "breakthrough" for mass-produced thermoplastic automotive wings beginning in 1987 and says it will be featuring prototypes for the Lancia Y 10 and the "Audi/Bayer wing study."

Other automotive projects include a prototype engineering polymer-based tailgate, deed in collaboration with Comind Divisione Plastica of Italy and polyurethane losm for a compact bumper system on one of the Ford Escort models.

Dr. Weirauch says a major objective of the plastic group has been improvement of proluctivity and hence profitability for processors and that newly-developed ABS, polycarbonate and ABS/polycarbonate blend hermoplastics to be shown at the fair will do

While increased productivity for these amorphous thermoplastics is achieved by improving flow, Dr. Weirauch says the same objective is gained with partially crystalline thermoplastics by increasing the rate of crystallization and solidification.

eciles reductions in cycle times of 20 to 25 percent for special Bayer grades of nylon 6 and polybutylene terophthalate in some ap-plications.

Altogether, he says Bayer has developed 25 new kinds of thermoplastics in recent years whose improved processing character-istics bring increased efficiency and produc-

In high-performance polymers, Dr. Wel-rauch says Bayer's development of amor-phousthermoplastics with improved heat re-sistant sistance has taken the company beyond polycarbonate to the aromatic polycaters and polyester carbonates, which are suitable for temperatures between 150 and 190 de-

SELECTED GRADES DEVELOPED

First introduced at K '83, selected grades have been developed and improved. One, APE-50 (aromatic polyester), with a Vicat incommercial current degrees C, is available whileother materials with higher heat resistance are still being produced only in pilot

Juantities
In the field of partially crystalline materials, Dr. Weirauch says polyphenylene sulfide represents an important new thermoplastic for Bayer. Selective market trials are underway now, following the start-up of semi-commercial production.

Liquid crystal polymers, also introduced at K 83, have reached semi-commercial production, "proof that we are fully committed to investing in this highly innovative field."

Among thermosets, he says the company has developed a high purity epoxy with very low chlorine content to extend its

Dr. Walter Krauss, head of application technology for the coating raw materials and specialty products group, told the press conference that while Bayer remains one of the world's largest manufacturers of paint binders, past and future strategy does not include forward integration although the company will continue to acquire updated know-how on the manufacture, processing and application of paints.

On a virtually stagnant worldwide paint market (some 80 million tons of paints are used worldwide each year), Dr. Krauss says polyurethane paints are one of the few groups with good annual growth rates, with particularly good properties when used for coating plastics for automotive applications.

Dr. Krauss doesn't see any hope for successful on-line finishing of plastic and metal parts, despite the amount of effort currently eing expended on the problem, as long as standard coating materials and methods are

The situation would be different, he asserts, if flexible polyurethane top coat systems were used. With a drying temperature of approximately 100 degrees C, most of the plastics used in auto bodywork now could be used without their properties suffering due to

ON-LINE PAINTING LIMITED

On-line painting is as yet limited to a few exceptions such as polybutylene terephthalate bumpers on the Austin Maestro and Montego (standard finishes) or small passenger car series, such as the polyester bodies of the Renault Alpine and the new Espace.

Dr. Gunter Oertel, head of application technology for Bayer's polyurethanes group, says the company has developed some "Bayflex" easy release reaction injection nolding systems since K '83 that permit up to 1,200 demoldings of lower mold halves with no application of release agent. Introduction of the systems in the US and Europe has boosted productivity by up to 60 percent with a cycle time of 90 seconds, he says.

Advances have also been made in the area of major appliances where use of automated foaming machinery from a Bayer subsidiary has cut demold times for refrigerators to 2.5 minutes. Foam systems have also been modified to prevent flashing when cabinets are filled and thermal conductivity of rigid olyurethane foam has been reduced by 10 to 15 percent, meaning that refrigerators consume even less energy though insulation

hicknesses remain the same. In the flexible foam product sector, Dr. Ocriel says developments since K '83 have been concentrated on the new and promising field of high-resilient foam with high loadbearing capacity. Main thrust of the development work has been to simplify the produc-tion process for foam manufacturers "while paying particular attention to economic as-

With an eye on the fast-growing thermoplastic elastomers market, Bayer's rubber group has set up a separate business unit to

cover all of its activities in the field. Dr. Othmar Rosenthal, head of application

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and can be used at temperatures up to 250 market for engineering plastics will be rapid, Mr. Kremer says the quality that the market

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As a result, he says Hoechst will seek cooperative arrangements with competitive companies wherever there are prospects of opening up new markets. The company concluded an agreement with 3M in the field of fluoroelastomers in May of this year and is planning a project in the area of chlorinated polyethylene ("Hostapren") with DSM.

requires will continue to rise.

In terms of near-term capital spending Mr. Kremer says a focal point will be the \$50 million expansion in fluoropolymer production at the company's Gendorf works and restructuring of the polypropylene production which is likely to require some millions of dollars in the course of several years.

Although the company has not detailed its spending plans for engineering resins, Mr. Kremer says Hoechst's program "will re-

take more than a decade to complete." chnology for the group, says Bayer currently has two product groups that fall into

believes it can build new core product areas.

Hoechst's West European HDPE capacity now totals some 480,000 tons annually

(860,000 tons worldwide), while polypropylene capacity is 365,000 tons in West Europe

(435,000 worldwide) and polyvinyl chloride, made only in West Europe, totals 240,000

Gottfried Kremer, head of Hoechst's plas-

tics and waxes division says the company is "competitive" in its worldwide HDPE busi-

ness and has been increasing its share in such

specialty areas as films and large-volume,

blow moldings and pipes. In polypropylene, he says Hoechst is participating in industry trends to more efficient catalysts together

REINFORCED POLYPROPYLENE

Reinforced grades of PP qualify particu-

larly as low-priced engineering resins and

the Hoechst executive says "we are playing a

In PVC, Hoechst is a relatively small competitor, but the polymer is part of an inte-

grated chloralkali system and is one of the

raw materials for film production. The com-

pany is also set aside from much larger com-

petitors by the wide range of grades it offers,

with a high proportion of specialties pro-

Hoechst, too, plans to make engineering

plastics a focal point of its activities over the

next few years, following a worldwide trend to extending and diversifying polymer mate-rial toward compounds, blends and alloys.

As an example, the Hoechst executive cites

a new material the company has just started

to sample — a polyether ketone ("Hostatec")

- that is processed at about 400 degrees C

degrees.
Although it's expected the growth of the

with adapted process engineering.

decisive role in this development.

duced by different processes.

amounting to 440,000 tons.

In regard to polyacetal ("Hostaform"), tionalization and steps to improve quite the category — "Desmopan" polyurethane-based elastomers and "Lexaflex" crossare already underway and should lead to slight increase in capacity. A decision herlinked EPDM-polypropylene blends.
Though more than two decades old, the pected in 1987 on an important step town polyurethane product is experiencing a "renexpansion, Mr. Kremer says,

Looking at world markets for plastic, p. aissance," and "is well on its way to becometer Cron, head of the plastics and water ing the elastic material," he says, since its sales department, noted that world consum properties can be varied to make extremely elastic films as well as hard articles such as tion of commodity plastics has risen from million tons to 49 million tons since K 81.an Hoechst officials told reporters at a "preannual growth of 5.5 percent. In spite of the fact that growth prespects K" briefing in Frankfurt that continued ra-

general appear favorable, he says structural tionalization efforts in commodity plastics changes that have taken place indicate a no have led to a base on which the company growth situation for commodities in tradi-The company has in recent years cut back tional markets. "With average growth rates its high-density polyethylene capacity by 95,000 tons, sold off the 145,000-ton low-denof less than 2 percent over the next ten years the share of the major industrial centers in world market consumption will show a sity PE business and discontinued polystyrene production with total capacity marked decline," he says.

In Europe, traditional export surpluses are showing a sharp decline. Whereas exports of commodity plastics from European industry exceeded 1.65 million tons in 1983, it's erpected the figure will have fallen by almost 50 percent in 1990 due to the rise of Canadian and Middle East production. At the same time, Mr. Cron says it is difficult to understand the stir created among West European producers last year over imports from Sandi

"We have fairly reliable grounds for assuming that in 1985 no more than 40,000 bas of HDPE and 120,000 tons of LLDPE camelo Western Europe. This compares with a load consumption of 1.9 million tons of HDPE and 4.4 million tons of LD/LLDPE, respec-

This year Hoechst expects imports from Saudi Arabia to amount to 80,000 tons of HDPE and 210,000 tons of LLDPE - "still to reason for the nervousness shown," the Hoechst executive says.

For the future, Mr. Cron says rapid growth innovation and pioncering development will rest with the engineering resins. He expect consumption in West Europe, the US and Japan to more than double from last year's 1.4 million tons to 2.6 million tons in 1993. Leading the way, according to Hoechet, will be polyacetal, projected to grow from 500,000 tons last year to 860,000 tons in 35, and polycarbonate, increasing from \$00,000 tons to 580,000 tons.

Inspiration Sells **Utah Coal Unit**

Inspiration Resources Corporation has completed the sale of all of its remaining interest in a Utah coal property to Sunoco Energy Development Company, a subsidiary of Sun Company, inc IRC expects to report a \$13.25 million gain on the sale as income in the the quarter of 1986.

A subsidiory of IRC originally had all Suncdco an interest in the Ferron Capa coal property in 1981. The sale of all of the IRC subsidiary's interest in the property solves a dispute concerning its development that arose in 1998

Inspiration Flesources Corporation with had 1985 revenues of \$1.1 billion, is a distributed in a tural resources company with interests in products and services for agricultural the mining of base and precious mass and coal

Its subsidiaries include Terra Inter-tional, Inc., Inspiration Consolidated Cons-Company, Hudson Bay Mining and Smiles Co., Limited and Inspiration Coal lice

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COATINGS & PLASTICS

Polystyrene

Continued from Page 3

prices were only partially successful. There was a move to raise prices by 4 cents per pound in January and February. By March, prices had advanced by an average of only 1 1/2 cents per pound, because many large-volume accounts refused to pay higher prices in light of lower raw material costs.

In June, styrene monomer producers announced a 2-cent-per-pound increase, and polystyrene makers were quick to follow with price increases of their own, moving high-impact and general purpose grades up an additional 2 to 3 cents per pound.

Despite the fact the styrene increase failed to hold, polystyrene producers describe the July increase as successful — impossible margins led them to walk away from cusomers who refused to accept the increase, until all accounts adopted it.

Recent changes in crude oil values brought on by OPEC's move to limit production by September of this year have, so far, had a real impact on perceived styrene values. The recently announced September styrene monomer price increases are expected to hold, and function as a catalyst for this primarily demand-driven increase, producers

GROWTH FORECAST

Earlier forecasts predicted 4 to 5 percent overall growth. By the second quarter, demand was perceived to be up by 6 to 8 percent over last year's levels. Summer demand for the resin was expected to maintain this level of growth as lower fuel costs were predicted to boost the number of driving vacations and hence demand for disposable polystyrene containers (CMR 6/2/86, pg. 30).
Second quarter demand levels exceeded

eventhese projections, producers report, citing SPI year-to-date figures for June. Total demand (including the market for EPB and flame-resistant and other specialty grades) increased 8.1 percent from 2.04 billion pounds in 1985 to around 2,21 billion pounds. Sources describe total demand for general purpose and impact molding and extrusion

grades of solid polystyrene, including exports, as up by almost 11 percent overall during the first half of the year, moving from around 1.77 billion pounds to roughly 1.96 billion pounds, Of this figure, individual demand for mold-

ing grades was up 10.2 percent to 696.7 milion pounds and extrusion demand up 12.4 percent to 856.9 million pounds. Exports for straight polystyrene shot up 20.3 percent and those for rubber-modified grades up 40.3 per-

Only the bead and compounding polysyrene segments, relatively small portions of the total

polystyrene cups) fell by 5.6 percent, from 249 million pounds last year to around 235 million pounds, while compounding demand fell 8.1 percent to 242 million pounds.

Figuring largely in the increased demand for solid general purpose and impact grades were disposable packing, up 17.8 percent, overall packaging, up 7.8 percent, furniture and building up 44.5 percent and electronics up 19.5 percent over June year-to-date levels

While one source expects overall molding and extrusion demand to show growth of 9 to 10 percent this year, others feel that demand in the second half of the year will not match

PRICES TRENDLINES

WEEK ENDING SEPTEMBER 5,1986

CHANGES/UP

Polystyrene up 3c. per lb.

CHANGES/DOWN

COATINGS INDEX

The Coatings & Plastics Index reflects the prices of 13 representative materials in this sector and the quantity of each

produced in 1985.		
Sept. 5, 1986	306.4	l
Aug. 29, 1986	306.4	l
Aug. 8, 1986	306.4	١
Sept. 9, 1986	306.4	l
ochtio, ross illiniii		ı

Chemical Prices Start on Page 36

time high. These sources expect overall demand growth to taper off somewhat, to around 6 to 8 percent.

To keep up with demand, capacity utilization has been high, currently estimated at 90 to 95 percent of a total capacity of between

4.2 billion to 4.3 billion pounds.

The price increase represents a move to regain profitability, which discounting and depressed raw material values had damaged. With market conditions as they are, producers are optimistic that the price like will

PRIME PIGMENTS

JUNE 1986

TITANIUM DIOXIDE - Following move initiated by National Lead Industries in June (CMR, 6/20/86, pg. 27) and continued by E.I. du Pont de Nemours & Co. and the pigof the total market, declined. The market for ments division of SCM Corporation two ments division of SCM Corporation two EPB (used in thermal-insulation and in _ weeks ago (CMR, 9/1/86, pg. 20), Holtra-Continued on Page 52

COATING & PIGMENT IMPORTS: JUNE

CENSUS BUREAU REPORTS ON THE TOP PAINT MATERIALS.

Anthon	QUANTITY	2 AVE'DE	- HAT AND	1,794,370
Antimony oxide	3,462,861.	2,831,769	2,787,059	1,7,000 760
Carbon black		2,459,031	5,284,948	1,822,750
Chroma colora:	6,535,395	The disc.		
Chrome			226,875	230,391
Chrome oxide green	666,561	599,697		118,664
wowndate orange the	148.459	145,017	117,500	142,145
Molyhdate orange	380,587	283,063	209,240	
Zing Valley		158,172	186,262	98,028
Cobalt Civileta	260,998	100,115	400	185,791
Curanya Control Contro	9,947	64,822	80,000	69,978
Cuproue Oxide	80,000	70,133		627,354
the state of the s	279,660	343,690	525,911	3,266
tron blues lbd. lbs.			40,000	0,200
Synthetic, " Tourness, Heat I	84,200			·
Black		·	141,732	38,385
Red	294.834	83,416	1,189,234	373,667
Redlbs.	879,764	249,139	1,109,20	485,502
Tellow	1.787,731	353,357	2,242,916	1,055,589
		1,208,167	1,818,174	1,000,000
NSPF lbs.	1,564,943	040 078		223,700
III WOOLANA	1,403,600	248,278		17,880
Sheller	44,600	9,020	35,553	94.400
Puesched	207,917	172 174	30,000	
		259.223	60,563	577,132
		333,550	627,616	
Manhum diagram	238,377		28,844,973	16,808,353
Mramadaa	88,941,266	22,949,233	437,471	
Manker dioxide. Ibs. White lead, basic carbonate ibs.	883,145	821,571	1 7 1 167	5,399
Zine O. L. Dasic Carbonate	178,105	113,656	A 000 278	
	8,481,148	1,756,429	9,228,376	100
Wite lead, basic carbonate bs. Zhe Oxide (lead free) bs.	י פריו וו סריום.			
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			Diathy by hit was sold to a Backlet
	CMC, technical, 95% minution, ow or	Cube root, powd., 5% roterione, basis, 50-lb. bgs., t.l., works lb	Diethyl barbituric acid (see Barbitel). Diethyl carbonate, tankwagons, f.o.b.works b. 1.40
CHEMICAL PRICES	I.O.D. HODEWEII, Va., 10076	Cumene, bulk, contract, f.o.b	Diethyl ethanolamine, CP dms., c.l., dlvdb. 1.18
Laremil.al	detergent makers, f.o.b. marutac-	Cyanuric acid, dms., c.l., t.l. in.	tanks, divd
	CMC port blob vis (see Callulose gum).	Cyclamen aldehyde, 50% mln. aldehyde content, dms ib. 4.85 hyde content, dms ib. 7.35 9.20	Digthyl oxelate, dtns., c.l., 1.o.b. worksb. 1.80 _
DDICEC	roofing 140–155. Federal specifica-	98.5%, cris	Diothyl phthalate, tanks, f.o b fb 62 . 65 odorless cosmetic grades, t.l.,
PRICES	fion RP-381 Type 1, bulk works	Cyclohaxane, bulk, barges, who is gain. Cyclohaxanol tech, itanks, f.o.b. ib52 .6612	works
	Cobalt carbonate, powd., dms., frt.	Cyclohexanone tech., tanks, 1.9.0. works	Diethyl thiourea, dms., c.l., t.l., works
WEEK ENDING SEPTEMBER 5, 1986	Cobalt chiendle, dms., 5,000 lbs. or	Cyclohexylamine, tech., tanks,	Di-2-othylhoxyl adipato (seo Dioctyl adipate). Dietlyl toluanido. 95-97% min. meta
Chlorinated paraffin, Zone 2 prices are 1c. per ib. higher and Zone 3 prices are 2c par lb. higher and t.l. drum prices	Cobelt hydrate, dms., t.l., frt. alid lb. 8.20 10.55 Cobelt matel. 99.5-99.9%, 250-kilo.	worksb85	isomer dms., t.l., t.o.b. works
are 5c per lb. higher Chiprinated rubber, 5, 10, 20 cps., bqs,	dms., f.o.b. NY, Chicago Ib. 11.70 - Cobalt naphthemate, Ilq., 8% Co.,		N.N-Diethyl-m-toluidine, toch., liq., dms., c.1., f.o.bib. 3.18
. I., divd lb. 1.66	dms., divd b. 2.06 Cobait nitrate, dms., t.l., fn. alkd lb. 2.74 3.45		Diothylamino, dms., c I , divd , lb. 1.15 tanks, same basis lb. 1.02
125 cps., bgs., i.i., divd	Cobalt oxide, imp., black, 72-73% Co		N.N-Digthylanling, dms., c1, t1, f o.b. works
Chlorine, tanks single units works, f.o.b., fri. equald ton 195.00 200.00 Chloroscetic add, mono, high purity,	Cobalt oxide, imp., 70-71% Co ib. 9.78 - Cobalt phosphate powd. 32.1% Co., dms. dlvd ib. 1.35 -	2,4-D acid, tech., 50-lb. bgs., c.l., t.l.,	tanks some basis
flake, 99% bulk Lo.b.	Cobalt resinate lused, 3% Co., dms	works, frt. equald 1.10 1.23 2.4-D butvl ester, tech., 55-gal. dms.,	Di-2-ethylnexyl azolato (see Dioctyl azelate). Di-2-ethylnexyl phthalate (see Dioctyl phthalale).
2-Chtoro-4-anunotoluena, tech., 11q., dms., cl., t1., f,o.b. works , lb. 1.86 -	Cobatt sulfate, cryst., bgs., 10,000 ibs. or more, frt, alid. E ib. 2.81 3.54	c.i., t.i., works, frt. equald. lb 1.30 - tanks, same basis	Diethylene glycol, tanks, rivd E Ib
o-Chloroaniine, Rquid, dms., cl., f.o.b. works	monohydrata, dms., fri. alid lb. 4.56 6.02 Cobalt taliate, 6% Co., dms., dwd lb 2.16 -	2,4-D dimethylamine salt, t.c., t.t. works, fri. aldgal. 8.05 -	tanks, frt alid E
p-Chloroaniine, Solid, c.l., i.l., i.b., ib. 1.70 - ilake, dms., cl., same basis ib. 2 00 -	Coons butter 600t	Decyl alcohol, mixed isomers, tanks, divd	dms , c.l., (rt. alid. E lb
o-Chiprobenzoldehyde, dms., t.l works	Coconut oil (See Cits, Fats & Waxes market report.). Coconut oil solds, distilled, t.c., to.b	perfurne grade, dms	Diethylene glycol monomethyl ether, dms .c l., irt. alid ib
p-Chlorobenzaldehyde, dms., 2,000 lbs. or more, works lb. 3.84 3.85	double distilled, same basis ib	1.0.b. works	tanks, frt. alid
e-Chloroberzoc acid, dms. 1,1,1 wks lb. 3 90 - p-Chloroberzolc acid, dms., 500-lb. lots or more, workslb. 1.69 2.25	bulkgal. 6.50 - Codelna alkaloid, NF, 25-kilo lots, .kilo. 900.00 -	tanks, dlvd. E	etale, dms., c.t. dlvd. E lb
Chloroform, tech tanks, distr. dvd ib	Codeina phosphate, USP, cns., 25-kilo kits	and Tobacco Tax Division. Denatured alcohol, ethyl.	etato, dins., c I , frt alld. E lb. 80 - 1 tanks, frt, alld lb
NF tanks, min., consumer, 4,000 gals.divdb35/2 -	Codeline sulfate, NF cns., 25-kilo lotskilo 775.00 Codiliver oil, NF, dmsgal. 6.50 7.25	SD2B, tanks, divd. E gal. 1.81 — SD3A, tanks, divd. E gal. 1.76½ ~	Diothylenotriamilie, tanks, f o.b.
2-Chloro-4-nitroaniine, paste, com- modity basis, dms, t.t., (ob	Copaiba belsam. dms	SD23A, tanks, dlvd. E gal. 1.86 - SD23H, tanks, dlvd. E gal. 1.89 -	Diethylenotriamine pontascetic acid, pontasodium salt solution,
owd. same basis	Copper acetate: manohydrate: cryst., tech., drns., t.l., workslb71 .74	SD29, tanks, divd. E gal. 1.83 - SD30, tanks, divd. E gal. 1.72½ - SD35A tenks, divd. E gal. 1.88½ -	tank- cars/lanktrucks, frt- equalized b. 45 - equalized gram 2.60 300
mol. wt., commodity basis. dms. Ll. i.o.blb. 2.25 ~ oowd .same basislb. 2.70 ~	Copper bromide, (cupric) 200-lb. dms., 100,000-lbsper-year con-	SD35A, tenks, divd. E gal. 1.88½ - Denatured alcohol, ethyl, brucine formula SD40, tanks, divd. E gal. 1.83 -	Digitorial distriction in the control of the contro
o-Chlorophenol, dms., c.l., fct.	tracts, works	ethyl, optional (ormula, SD40, tanks, divd. E	Dihydrazine sulfate, drns , works . lb. 1.10 1.25 Dihydrostroptomycin sulfate, bulk, kilo 46.00
equald	dense, 50-lb. bgs., c.l., t.l., works	For annyd, alcohol on above formulae, prices are 12c. per gal higher.	Dihydroxyacotone, 50-kilo lots, works, kilo, 40.00
equald	light, fluffy, 50 lb. bags, c.l., t.l., works 100 lbs. 109.30 - Copper chloride (cupric), anhyd., c.l.,	West Coast divd. prices are the same as Eastern prices except in Idaho, Oregon and Washington where a 5c	i, Di-isobutyl kotono, tanks, dvd. 10
Chlorosvilonic acid, tanks, Irt.	worksb90 - Copper cyanide, tech. dms., 24,000-	differentiation tankcars is maintained. Desoxyephedrine hydrochloride (See Mothamphetamine hy	ton . 37
p-Chlorotoluene, tech , tanks, worksib. 1.00 -	lb. lots or more b. 2.30 2.62 Copper fluoborate, (cupric), fig. conc.	drochloride) Detergent alkylate, straight chain do-	Di-isononyi phitiniatu, tanks, divid. ib 41 Di-isononyi phitiniatu, tanks, divid. ib 90
Cholecalciterol, dry, 40,000.000 units pergram, kiloiots	dms. t.l. works, fri. equald	decylbenzene, tanks, barges, (.o.b	Di-iso octyl pfithatata, tanke, divid 10.
Choline bilartrate, cryst , 98% min., 50 kilo dms., f o.b. Springfield, Mo.,	Copper gluconate, FCC grade, 25-lb. dm., frt. equald lb. 6,50 Copper metal electrolytic wire bars,	C.I., works 100 bs 28 04	alid
Choline chloride, feed grade, 70% aqueous, 1.c., 1.1. dvd. E of	Copper naphthenate, liq., 8% Cu.,	white, paper bgs., c.l., works 100 lbs. 27.43 ~ Dextrose, anhyd., coml., bgs., c.l.,	Di-isopropylantino, dins., c l. divd. 10. 1.07
Rockies	dris, frt. elid	divd. New York 100 bs. 41.10 ~ USP special, 100-lb. bgs. c.l.,	Dilauryi 3,3-thiodipropionate, dms. t.l. frt alld. tb. 1.89 7.00 825
Choline chloride, 60%dry supplement, bulk hopper cara	dms., t.l., works	divd. New York 100 lbs. 46.50 - Dextrose, hydrated comi, bgs., c.l.,	Directive forest carbinyl acetala, 25
bgs, 50,000 lbs, whlb40 — Choline chloride, pharmaceutical, 50 kito, lots, 1.o.b. Springlield,	works intalid	divd. New York 100 lbs. 24.25	ib. divis
Mo	80,000-lb. lots, works lb. 1.21 ~ red(cuprous), dms., 97%, USN Type 1, (AA), 80,000-lb. lots,	Diacetone alcohol, acetone froo, tanks, divd	Olganithyl dichlorovinyl phosphala, 55
50 kilo tots, I.o.b. Springfield. Mokilo. 6,00 ~ ~	work3	Diacetyi, flavor grade, dmsib. 9.25 16.00 Diammonium phosphate, fort. grade.	Dimothyl otheroduratino, anhyd., dms. 1.15 1.18
Chrome green, CP extra light, bgs., dvd. E. of Rockteslb. 1,88 - bght, bgs., same basislb. 1,70 -	Copper-8-quinolinolate, 10%, liq. envilsion, t.i., divdlb. 2.52 -	min. 18% N, 46% P, bulk, c.l., f.o.b. Fia. works	tanka, divid. E
mackum, bgs., same basisbt. 1.72 – sxtra deep. CP., same basislb. 1.74 –	Copper sulfate, cryst., pentahydrate, 99% bgs., c.l., f.c.b.	Diammonium phosphate, feed grade, 18% N, 20% F, bulk. c.f., f.o.b. Fia. workston 240.00 –	Dimethol philippinto, tanks, 1.0.b
Chrome orange, CP, bgs., clivd. E. of Rockles	works	bgs., same basks ton 250.00 - Diammonium phosphate, tech., bgs.,	Olmanud sobneste, tanks, f.o.b
Chrome yellow CP bbls., divd. E. ol Rockles	monohydrated, 35% Cu, drns., c.l., works 100 lbs. 75.10 –	c.l., t.l., works, frt. equald,	Dimothyl sulfato, rot. clms., c.l., f.o.b.
rt. equald	basic, bgs., c.l., works 100 lbs. 88.30 – Coriander oil, USP, dms lb. 22,00 28.00	food grade, bgs., c.l., t.l., same ba- sis	tanks, 1.09 120
Chromium aceate, soln., 7½%, dms., 500-2,000-lb. tota, works lb	Corlander seed Moroccan	2,4-Di-tert-amylphenol, mln. 95.5%, dms, c.i., t.i., works lb. 1,04 -	Dimethyl sulloxide, tanks, works
Chromium fluoride, dms., t.l., works	Com of (See Oils, Fats & Waxes market report). Comoil, crude, toots (soepstock), 95% acid; New York	tenks, works	Dimothylamine, 25% 60st., tearly, 15
10% metal soin., 500-b, drns. same basis	Com oil acid, dms	frt. alid	40% soin., tenks, frt. equald., 10% 63% bass. 10. 54%
Chromium oxide. hydrated, 50-lb. bgs., c.l b. 5.50	Corn syrup 43 Be., tanks, f.o.b. works 100 lbs. 11.22 11.43	2,6-Di-tert-Butyl-p-Creeol (see Butylated hydroxytoluene) Dibutyl (umarate, tanks, f.o.b.	anhyd. lanks, fri. equald b. 103 N.N-Dimethylaniline, t.l., f.o.b. b. 1.03 1.1 dms. 1.1
pure, bgs., c.l	Cortisone scetate, USP, dms., 5 kilos or more	works	N,N-Dimetryllormannue, dita-tollide.
Cennamon, H2	Cottonseed oil (See Oils, Fate & Waxes market report.) Cottonseed oil, See Oils, Fate & Waxes market report.) Cottonseed oil, acidulated (soap	Dibutyl phthelate, tanks, works b	lanks, same Dasis.
Cinnamon leaf oil, dmsb. 2.80 — Citrai nat., dmsb. 5.60 6.65	stock), acid, 65%, tanks, N.Yb. 13 —	Dibutylamine, dms., c.i., dlvd ib. 1.12 - tanks, same basis ib. 1.06 - Discound obtaines tendes (c. ed. 6	Dinitroanine, orange toner, or 15, 15, 20 divid. E. of Rockles. 15, 15, 20 divid. E. of Rockles. 15, 15, 15, 15, 15, 15, 15, 15, 15, 15,
syn., 55-gal. dms 1.o.b. b. 3.18 - Citric acid, USP, hydrous, gran., 250- to, dyns., t1 b. 1.19 -	Cottonseed oil acks, diet., dma, lb	Oicepryl phthelete tanks, frt. ald. E. fb35 .37 2-5-Dichloroaniline, flake, dms., works	at 47°, t.i., 1.0.0. Charles
tb. dms., t.1b. 1.19 - Citric acid, USP, anhyd., gran. 250-b. dms., t.1., detb86 -	Cournarin, NF X, cryst., over 600-tb. tots	tused, dms., works	2,4-Dinitrophenol, 250-b. dille 1.95
Citric acid anhyde, powder bc. higher Chronolla oil, Caylon, drns ib. 2.12 2.24	Creosote, coaltar, grade 1, tanks, J.o.b. works	oma., c.l., t.l., f.o.b. works . lb. 1.46 1.5	yorks.
Java, dms. kito 4.50 - Cirina, dms. kito 4.30 - Cirina, dms. b. 3.85 7,40	soin., 80/20, tanks, same basis. gal. 1.134 1.17 p-Cresidine, tused, dms., works fb. 4.31	C.i., t.i., divd	2,4-Dinitrotoluene, drias. b. 120 works b. 120
Citronellat, 25-tb cans	m-Cresol, 95-98%, dms., t.l., t.o.b., lb. 1,71 tanks, same basis	195% retd., dms., c.l., same ba- sis., b	Circulation and E. ID.
Chronelyl formate, 25-b, cns b. 6.65 - Chet arili bols	m,p-Cresol, 99%, dms., t.l., f.o.b 10 94 - bulk, same basis 10 82 -	P-Dichlorobenzene, graded, 300-lb, dmstlf.o.bfrt.equald.lb 51 5	DIOCIVI AZBIATO, LEI IND. CIV.
nat	o-Crasol, 99% pure, dma., t.1., t.o.b, to, .87	lanks, liq., same basis	2 Dioctyl phthelate, tarks, divd. 7 Dioctyl sebacate, 99%, tarks, l.o.b. 1.99 1.86 1.4-Dioxane, tarks, irl. etd. E. 1.3 1.4-Dioxane, tarks, irl. etd. E. 1.3 1.1. earne basis. Dioentservithit(d), bgs., c.l., t.l. divd.
dom, crushed, moisture-repel-	buik, same basis	Dichlorophenoxyacetic soxi (see 2.4-D)	
ient, buik, c.i., Tenn ton 24.00 Clay China (see Kaolin). Cleaners, naphiha, 140° (lash tanks.	Cresylc acid, coaliar, dom, metapara	f.o.b	Dipenterie steam-dist., tanks, 1.0 ft.
New Jersey or New York,	contant above 25%, resin and tricrassi, phosphate, grades	Dicyclohexyl phthalate, bgs. c.l., t.l.	Tarica
Clove leaf oil Indonesian, reg. dms. kilo 2.85 3.2 Medagascar, reg. b. 4.20	Cresyllo Eckl, dom , melepara content	98% tanks wrote	
Clove Bud oil	25% orises, lanks, frt. etd. to. 58 Crotonio edd, 200-lb; dme., 11, 10, b.	Melinoidine tradition (1880	
Zanzibar	Cryoste syn., busk, q.t., Works ton \$10,00 550.0	DOVP (see Dimetrus et character)	works works
CHERTICAL MADISTRAL	Sanfamhae R. Turk	property in the second second	多品质以下可以下被对此。这种比较是

-				i
Diethyl barbituric acid (see Barbitel). Diethyl carbonate, tankwagon f.o.b.works	8, Ib 1	40) !
divd CP dms., c	.l., lb. 1	.40 .18	-	
tanks, divd Diethyl ethanolomine tech., 8c. per Diethyl oxelate, dms., c.l., 1.o	lb. lower.	.10	-	ĺ
works	lb. 1 lb.	.80 .62	_ .65	
odorioss cosmotic grades, t works Diethyl sulfato, tanks , frt. alid E	.l., lb .	.971/2	-	
Diethyl (hiourea, dms., c.l., t works	.l.,	.59 2.48	-	
Di-2-othylhoxyl adipato (seo Diocty) Diethyl tokiemido, 95-97% min, m isomer dms., t.l., t.c	adipale). eta			
works	.lb. 2 la.,	2.75	-	
dms ,c l., l o b,	. lb. :	3 18 3.10 1.15	:	
tanks, saino basis	. fb. g.b.	1.02	:	}
works	. lb. . lb.	1.83 1.76 .98	:	
Di-2-ethylinexyl azolate (see Diocty Di-2-ethylinexyl phthalate (see Dioc	i ezelate) Ivi phtha	date).	-	
Diethylene glycot, tanks, divd E Diethylene glycot monobutyl et dms ,c l , lrt, alld E	ner,	.29vi 65	31%	
tanks, frt alld E. Diethylene glycol monoathyl et	Ib. Iher,	57	•	
dms, c.l., trt. alid. E., tanks, frt. alid. E. Diethylene glycol monomethyl e	. 1b. 1b.	.64 .56	:	
dms cl., (rt. alid	110. . 11b.	.62 .54	:	1
Diethylene glycol monobutyl ethe etate, dms., c.l., dlvd. E.	er ac-	.60 .72	:	:
tanks, divd E	erac- Elb.	80		!
lanks, Irt. elld. Diothylenotriamine, tanks, f works	.lb o.b. lb.	.72 1.60	161	¥
Diethylenotriamine pentaacetic pentasodium salt seli	acid, ulion,			
tank- cars/tanktruck equalized	s, 1rt- .lb. oram	45 2.60	3.00	
Diglycol laurate, dms., ton lots Diglycol stearate, dms., t 1	1D.	.32V2 .62	.73	
Dinydrazine suitate, drhs , works Dinydrastroplatiych sullate, but	k kilo	1.10 46.00	1.25	į
Distrobutul kotono Lanks, divd.	. Ib.	40.00 .60	- - 57	Ì
Di-isobutylone, tunks, f.o b	E. Ib. Hous- ib.	.37	-	}
ton Di-isodecyl phthalate, tanks, divo Di-isononyl phthalatu, tanks, divo	1 lb. d lb	.39½ 41	:	
Di-iso-octyl nzolato, tunks, divi. Di-iso-octyl phthatate, tanks, div Di-isopropanolamino, dms. c	e. 10.	.90 .41	-	
alid	lb	.66Vz .58Vz	Ξ	:
Di-isopropylanino, drns., c i. div tanke, same basis Dilauryi 3,3-thiodipropionate, dr	. lb	1.17 1.07	-	Ì
Disputy 3.3-tribulp of normal, series fit alld, Disputy of the series Disputy and se		1.89 7.00 16.80	825	
Dimothyl anthronato, dms Dimothyl bonzyl carbinyl acola ib. dms	10, 60	6.95	-	İ
Dimothyl carbonate, dris. C.	1.0.0	.90	•	1
Dimethyl dichlorovinyl phosphe gal. drns., I o.b. Dimethyl ethanolardine, anhyd		1.80	1.90 1.18	;
c.l. dvd E	ID	1.15 1.07	1.10	ļ
Dimothyl ather, noroski grade divd	lb.	.38	•	ļ
Works,	1.0.0	.65 2.28	258	1
Dimothyl sulfato, rot. dms., c.	J., J.o.b. Ub.	.67	:	
tanks,	10.	.46 1.09 .78	120	ĺ
Dimethylecetamide, bulk 1.0.b.	nka, Irt.	.87° .63'		
ace: edn tarks frt sousk	100%	40	W -	ŀ
anhyd., lanks, fri, squald.	ib.	1.03		ł
1.1. dms.	c.l., t.l.,	. 41	•	
tanks, same basis	n b b	1:22		
divd. E. of Rockles.	ib. Vatalizins	5.24		
at 47°, t.l., f.o.b. 0	harlotte D	.96		
at 47°, t.t., 1.0.0. C. N.C	19., 1.0.0 b (.o.b	1.9		1
				ļ
works 2,4-Dinitrotolulene, dms. works tanks, works Diootyl adjete, tanks, frt. alk Diootyl azelate, tanks, divd. E Diootyl phihalate, tarks, divd Diootyl spenase, 99%, tan	, E. , B	1 12	1.1.1	
Dioctyl azelate, tanke, divd. E Dioctyl phthelate, tanks, divd.	ka Fol	, ,	155	1
MANUAL STATES				
Dinentaerythritol, bgs., c.i.,	u. ov			
Dipentene steam-dist., tan Fig. works sulfate turpentine derived	Ks. 1.0	2		
sulfate turpentine derived. Dip oil (see Tar adid oil).	jankii l ida USI	ان دران ازری دران		
יייייייייייייייייייייייייייייייייייייי	ita dini Vidi	o, 20,0		i i
Diphenyl, 99.9% bgs.	G. 10 C	b b		
tarika worka.	· · · · · · · · ·			

henyl oxide, tech. grade, tenks . lo.	1.11	1 20	Epinephine base, syn , USP, bots. 100 gramlots gram		
henylamine, reid., illate. Ugs., in.	1 25	-	EPOTYTOSHI Jiquid Bulk lanks idliid ilk	.60 1 31	1.41
motion, tanks, works lb. octylated, flake, bgs., t.l., f.o b.	1 00	-	Solid bgs . f l ib. Epsom salt (see Magnesium sulfate).	1.2812	1.331/2
market	7 68	-	Erythorbic deal, powd gran, 100 lb. das, 11 or mixed 11, 10 b		
henylguaridane, bgs., t.l., frt. alld.	2.52		l wase in	4 10	4.25
henyihydantoin-sourdii 037.	5 00	5 60	Ester dam, guin-rosa type, dme, ct. dlvd. III., Md., Ky., E. Statos,		
henyimethane 4.4,-di-isocyanato, polymeric, bulk, cl., min. frt			Louis, St. Paul, Va. W. Va. ih	.75	_
alla[.91 .45	-	Estergum, wood rosin type, driis., c.t. sainin basis		40
ropylene glycol, tanks, frt. alld ib. ropylene glycol monomethyl ethor,	_	-	Ecoly of conto, syn , 85-88%, lanks	.43	.46
dma., c.l., divd	54 48	-	divdib. 99°s, tanks, divdib.	417	.411/2 .421/2
o-tolylgusnidine, powd., dms., 1.l., fri. ald	2 92	_	Elliphacoloriculate dins., c.l., divd lb. tanks. divd	1.13 1.05	=
-tolyithiourea, tech., solid, dms.,			Ethyl actylato, lanks, frt alld lb. Ethyl alcohol, syn . 190 pt., USP tax	.66	-
t I., irt. alid	3 1 1 .60	63	free, lanks, divd. E gal	1.55	
ndecylohthelata, tanka, divd ib. mybenzana, 100% basis, tanka	.50	-	Ethyl alcohol, absolute, 200 pt., tax fr than 190 pf., tax free.	de pricos i	2c. nigner
works	2.75 3 00	2 60 2 70	Ethyl alcohol, fermentation, tanks, fo b works gal.	1.06	1.26
odecanol, syn., tanks, (.o.b lb.	7612		Price range attributable to various state Ethyl alcohol, denat (see Denatured alco	a táx inceni hol. ethvii	ives.
tecenyl succinic anhydride dms	88	-	Ethylip animobenzoale, NF (see Benzoca Ethylipenzoale, dma	aino). 1 35	1.50
iecybenzene (see Detergent Alkylato iecybhenol, tanks, min. frt. alid).		Ethyl bromide, tech 98%, dms, c.)		1.30
E	48	53	Int. alid. E	.76 1.35	1.50
drugs and cosmetics, 100 to			Ethyl cellulose, standard vis. 7 cps. hgs.tl.frt.equald.Elb.	4.55	_
and over. frl. prepaid or alid. e.FD&C.No. 1	21.20	22 60	standard vis , 10, 20, 45, 100 cps , 11, frt equald E Ib	4 17	4 22
No 2	29 15 49.50	29.22 65.00	medium vis . 50,70, 100 cps . t l . frt equald. E	4 25	
d. FD&C, No. 3	24 00 7 45	24 50 7 85	USP vis . 7 cps bgs , t1, frt equald.		-
6 lb.	6 45	675	USP 10.20.45.100 bgs . t.l., frt.	4.88	-
es, coaltar, certified colors for drugs and cosmetics, 100-lb tota			equald E	4 59	4 69
divd een, D&C, No. 5	38 50	_	Frt equald E In Chylchlondo tech cyls frt alld Ib	4 51 26	- 2813
6	42 80 18 85	-	tanks fit and lib	.24 41 00	2612
3.17 Ib	38 90	-	Ethylethan damoes, moort dris., (1),		-
) 19	38 25 12 45	_	divd E (b) lanks, divd E (b)	1 23 1.15	-
228 lb.	59 95 48 3 5	-	Ethyliether relined tanks, fob the Ethyliexanisate dus to.	46 4 25	- 4 75
For D&C No.7 Ib. o 8 Ib.	21.00	-	2-Ethylhosom and dms. cli.it Lidivd.	63	_
7 10	20 55 48 80	48 85	tanks divid E Ib	57	-
o. 11	35 25	-	2-Ethylhoxyl acrylate, straight or mixed tanks, fri alld Eib	79.5	-
and paper dyaing (by Color In- dex Name) In however			24:thylhocytakobol tanks dvd - tb - Ethyloopdo, chys. Aorks tb	$\frac{35}{6.75}$	-
ABk I Blue black ex. conc In Dyes, ABI 9 Blue 2G In	5.75	-	Ethyllinakol syn 56 gai dins - lo Ethyl linaly) acetate, syn , 56 gal	10 60	-
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5 46 19 85		dos	10 85	-
A Bi 90 Alizarine Br. Cy G ib A Bi 113 Navy 5 R	14 13 6 55		t canald	1.06	-
AD:711	22.12		n-Ethyl morpholme, dms , t.l., frt.	2.00-	
	3 72 4 00	-	tanks, samo basis,	1.92	-
AOr 18 Wool Or G Ib. AOr 74 Melafized Or GNA Ib.	4.30 6.15	-	works	1.04	-
AR 14 Azo Rubina + 2 2e.	5.13 8.85	-	Ethyl parathion (see Parathion, othyl).	igotal	
ARBAFASI Red A Conc Ib.	5 45	-	Ethyl silicate dist (see Totraethyl orthoni Ethyl silicate, 40% available SiO.	-	
	0.85 4.50	-	drus., CL, Fo b, works , Ib. tanks, Lo b, works Ib	1.45 1.39	1.46 -
AV 49 4BNS Cons	9.75 12.22	-	N-Ethyl m-toloidino, tech., kq., dms., c1,f.o b	3.18	_
AY23 Tarray on C. C	5.69 6.18	-	tanks, samo basis lb. N-Elhyl-o-toluldino, dnis lb.	3.10 2.85	_ 2.90
6Br 4Rismork Den	16.40	-	Ethyl vunillo 100 lb. dms., 500 lbs. or incre	13.50	_
BGr4 Malachia Co	4.42 9.55	Ξ	26 lb. drns , 500 lbs. or more lb.	13.76	14.50
By 1 Methyl Violet Crystals. ID	6 90 6 80	-	100 ib. dims., loss than 500 lbs lb. Ethylamino (see Mono-Di- and Tri-)	14.00	14.50
6Y2Rond Vall pro	10.95 10.10		N-Ethylantline, dms., c.l., t.l., f.o.b. works	1.60	_
E- A	4.62 9.25	-	tanks, samo basis	1.58	-
1 Bb. 22 Fact Black CD	0.45	-	Tox	.22 .18	.23 .18%
V III 230 Raulo Cont In The Inc.	2.85 4.28	-	Ethylono brassykkie, dens	16.00	18.26
DG-24 page 200 PAR BEING	7.23	_	Ethylenediamina, 99%, tanks, 1.o.b. works	1.30	1.306
VXVARE. A STOUTH GL 11).	9.15 7.98	-	Ethylenodiamine dihydriodide ib. Ethylenodiamine tetraacetic acid, te-	7.55	9.25
	6.16	Ξ	trasodium sait, soin., t.c., t. t., frt, equaldib.	.361/2	_
PRIZE FACTOR TO THE PRIZE OF THE PRIZE	8.15 6.85	-	Ethylene dibromide dms., c.i., frt., equeld	.38	.46
	6.25 2.47	=	lanks, frt. equald	.32	.42
Brilliant Paper Yell 3GY	11.25	-	Ethylene dichloride, tanks, f.o.b. works	.17	.17%
DIBIAN Dames to a service to the life of t	4.69 1.75	-	Ethylene glycol, indust., tanks, fri.	31	. <b>-</b> . '
		-	tanks, divd. E	411/2	·
Y 41 Fast Yellow RGL Conc. 2009. Y 27 Resin Fast Yellow L5G	3,03	-	Ethylene glycol monoethyl ether,	51	$\mathcal{A}^{\mathbf{a}} = \begin{pmatrix} \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} \end{pmatrix}^{\mathbf{a}}$
	9.75 14.40	_	Ethylene glycol monomethyl ether, tarks, divd. E	.34	2.2
MAYS VANAR REL 200%	4.28 21.00	-	Ethylene object monobulty 90/91 80*	641/2	√ (°
	3.65	-	etate, tanks, irt. alid. E ib. Ethylene glycol monoethyl ether ac-	55%	
a Or 3 Oranga GRA Ib. as Or 37 Oranga OB Ib. as V 1 4RN Paste Ib.	6.84 4.91	=	etate, tanks, ft. alid., E, ib. Ethylene glycol monomethyl ether ac-	43	
Na V 28 D. Habita	3.77 7.85		Ethylene ovide Janks ( O.b D.	.35	45
	17.25 10.05	<u> </u>	Elimiene (richionos (1999) Tru luncos (1994)	8). 7.60	) -
G Lad Basta	22.80 4.10	<u>-</u> .	Eucalyptus on Portuguese in 1995	6.80	
84 25 Ofive TA Paste	5.60	Ţ	NF, reciffed, 80-85%, dms kilo Eugenoi, USP, dms	6,25 7,55	경기가
	5.85		Eugenol, USP, dms,		
		<del></del>			
			<b>十二</b> 建多色光系统	or the first	
		· .		13	
III lark or				1	J. 2 13
in, tach., 95-99%, clms., t.l ; lib. eding, sym. annyd., USP, 80-oz.	7.00	"	Fenne oil, sweet, USP, one kilo	9,00	1-1-11 1-1-11
Gran hading to the control of the co	1.25		Fennel seed, 29/Pt	37 60	82 32
less than 1,000 kg. kilo	38.25	in ne		25	
Data Wall Crue	100	40.25	Ferric chloride shinty sect. 380-to frenc chloride shinty sect. 380-to drib. 4. works 100 Re- Perric chloride. 42 Re- photo grade.	86.00	<b>1973</b>
tiorotyphin, latike, divid	43.00 .86	45.25	Perrici chicride, 42 Be. priorio 1995.	9.10	March March March March
Face of the second			第1 1 4 6 TWO 安徽 (2015) (2015 1863) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015)	(m. % ))	

41 33½	I Femonitiate.crystdmsti iob.ib	176.00 .64	256.00	١
	f.o.b. works 150-lb. dm.,	1.85	-	
25	Ferric phosphate, FCC ginsoluble now-			l
	der, dms, 10,000 lbslb. Ferric pyrophosphate, soluble, puril., pearls, 60-lb. dmlb.	1.10	1.15	ľ
- 48	dms., ton lots frt. alld	.45	_	Ì
411/2	Ferric sulfate, partly hydrated, 100-lb.	141.00	_	ł
42 <b>1/</b> 5	Ferric ammonium citrte, NF, brown,	117.00	-	١
•	green gran. 100 lb. dms., 2,000 lb. min., 1.o.b. shipping pt	2.00	0.05	١
nigher	2c. per pound surcharge for shipments V Ferric-ammonum oxalete, fine gran.	V. of Denv	2.95 er	l
20	250-lb. dms., t.l., f.o.b. works.	.42	_	Ì
28	Ferric hydroxyethylene diaminetri- ecetic acid, industrial grade,			1
50	sodium salt, soln., 4.5% Fe, t.c., t. t., f.o.b, works ib. agricultural grade, sodium salt solu-	.55	-	١
E0	tion, 5% Fe, t.c., t. t., f.o.b. works,	.64	_	Ì
50 -	Ferrous fluoborate liq. conc., dms., t.l., works, frt, equald	.64	_	١
22	Ferrous gluconate, NF, I.I., works E.Ib. Ferrous naphthenate, Ilg., 8%, Fe.	2.25	-	l
-	dms., divd	1,17 30.00	-	١
-	heptahydrate, gran., bulk, 1.l., f.o.b. workston	145 00	150.00	
69	monohydrate, gran., bulk., t.l., f o b.	170.00	180.00	1
2812 2812	USP, powd , 400-lb, dms lb cryst , 250-lb, dms lb,	49 61	<del>-</del>	
2612	Fir oil, Canada dms	10.20 8.75	.75	
-	Fish oil, reid , alkali, tanks, c.i lb, kettle-bodied, tanks lb, light, cold-pressed, dms., c l. lb.	29 32 .34	.36	
- 75	tanks	26	-	
-	protein grd , bulk, f.o b At-	295.00	_	
-	lantic port ton f o b Gulf port ton krup Chilean 65% protein min			
-	bulk of 11 ex whee to b Attanto and Gulf ports. Ton	285 00		
	Fluotions and dust 11 works fro equals to		- 0	
-	fluorocarbon, No. 11 bulk, tanks delvdlb	5	7 .64	
-	No. 12, bulk, same basis lb No. 22, bulk, same basis lb No. 113, bulk, same basis lb	. 1.0	5 1.14	<b>/</b> 2
-	No. 114, bulk, same basis ib. Fluosilicic acid (see Hydrofluosificic aci	1.07	.,,,,,	•
-	Formaldehyde, 37% methanol free (un- inhibited) divd., gulf		18 .Q90	5
	44-45% (1% methanol) tanks, divdb. 37% (inhibited 7% methano),		15 .106	5
.46	QIVQIV.	.00	45 .102	6
_	37% (inhibited 11-15% methenol) tanks, divd	.10 .39		0
_ .90	dms., same basis	.44		
-	works	.36 .51		
.50	Fructose, cryst., 18,000 kilos or more. dms	.90	1.03	
_	Furnaric acid, food grade, bgs. t 1, frt. equald. E	.75	Vz .7742	2
-	tech. grade, bgs., t.l., f.o.b. frt. equaldib. Furfural, tanks, f.o.b. Cedar Rapkis,		.6214	•
.23 .18% .26	lows, and Bells Glade, Fis. Ib. Furturyl siconol, tanks, f.o.b. Memphis.	.76		
305	Tenn. and Omaha, Neb., lb.	.72		•
25				
- ,				
46 42	V	: ·		
1714	G salt, dms., irt. alid, 100% basisb. Gallio sold, 400-kilo lotskilo	2.30 23.05		
<b>-</b> . ;	Garfic oli, dms., Egyptienklio Gelatin, edible, 100 AOAC test, dms.,	85.00	105.00	
- 3	125 AOAC test, dms., LtJ lb.	1.60 1.75	1.75 1.85	
• ; ;	150 AOAC lest, oms., itt. 110.	1.96	1.95 2.06 2.15	
	200 AOAC ISSI, OMB., LT.L.	2.10	2,25	
	250 AOAC test, dins., LLL			1
48	Gentlan violet (see Methyl roseansne chi Generale syn., 90-92%, dms., b.	oride) §.25	10 july 1	1
45	nat., 90-92%, onto	3.50 5.75 24.00	27.50	١
	Geranium of Morocoan	33.00	38,00 85.00	1
	Envot	65.00		
# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Turkish (see Palmarose of).  Geranyi acetate, dims.  net., driet.  Geranyi formate, syn., dries.  b.	10.95	8.00	
: - 1 V. 2.; .		6.60 16,95	1	1
: 13} (3)1	Gerany formare, syrt. oras. b. nat., dns. b. Gasonite, g.p., bulk, o.l., f.o.b. Bo- inatza; (Mah	180.00 180.00	-	1
	ethiopera allocal	.85 .55	.70	
	Ginger oli African, dms, ib. Riger oli African, dms, kilo Ginger oleoresin, NF, bobs, ib.	75.00 - 68.00	88.00	
2	Glatibal & Best (989 Contril printer)	30.00		1
	Gueonio acid tech. 50% ditts. o.l., t.t.,	.60	gi a de la companya di salah da salah d	ا
	fanles, sama hand	44.	1. 19 2. 11 3	ijΙ,
i pari	Caucopio ago peri se di	44.		

# CHEMICAL PRICES

·			
-	WEEK ENDING SEPTEMB	ER 5,	1986
-	Que, bone, extracted, green, jelly-		
	grama, bga., c.l		-
	85 jellygrams, bgs., c.l., f.o.b ib. 115 jellygrams, bgs., c i., f.o.b ib.	.86 .70	-
.95	135 jellygrams, bgg., c.l., f.o.b lb.	.77	_
	164 jellygrams, bgs., c l., f.o.b lb.	.79	-
_	192 jellygrams, bgs., c.l., f.o.b lb. 220 jellygrams, bgs., c.l. f.o.b lb.	.87 .93	-
	Glue, hide,		
	108 jellygrams, bgs., t.l., f.o.b ib. 135 jellygrams, bgs., t.l., f.o.b ib.	.80 .85	-
-	164 jellygrams, bgs., t.l., f.o.b lb.	.90	Ξ
	192 jellygrams, bgs., t.t., f.o.b lb.	.95	-
_	222 jellygrams, bgs., t.l., 1 o.b., lb. 251 jellygrams, bgs., t.l., f.o.b., lb.	1.00 1.05	-
	283 jellygrams, bgs., t l., f.o.b ib.	1.10	-
:	315 jellygrams, bgs., t.l., f.o.b., lb.	1.15	-
	347 jellygrams, bgs., t.l., t.o.b lb. 379 jellygrams, bgs , t.l., t.o.b ib.	∤ 20 1 25	-
-	411 ellygrams, bgs., t.l., f.o.b Ib	1 30	-
-	444 jellygrams, bgs., til, to b lb.	1.35	-
0.00	477 jellygrams, bgs., t.l., i.o b., lb. Glutamic acid, 99½% dms., 100-lb.	1.40	-
0.00	lots, fri. alid kilo	6 65	-
0.00	Glycerine, nat., retd., USP, CP 991/2% tanks, divd lb.	.891/2	_
-	USP, CP, net 96%, tanks, divd Ib	8734	-
	Syn 96%, tanks divid	8914	-
.75 -	Syn 99.5%, (anks divd lb Glycine (see Aminoacetic acid)	.91	-
.36	Glyceryl gualacolate, 100 fb. fib. dms		
-	Glycolic acid (see Hydroxyacetic acid)	14.50	-
	Giyoxai 40% soin , bulk, lanks,		
_	Grapefruitoit, Flatoims ib.	.44\a 2.75	-
-	Calif dris. 15	2 25	-
	Israeli	2 25	-
-	ex whse	16	40
_	cryst : 88-90%, powd , bgs , dms ex whse	30	.80
	Graphite, cryst., 90-92%, powd . bgs	30	.00
.84 .74	dms , ex whse	.40	75
1.14	95-96% powd., bgs., dms., ex whseib.	.60	.90
.93½ 1.08	Graphite, amorph., cryst., 97% and up,		
	powd., bgs., dms., ex wheeb.	.80	1.20
.0905	whise	.65	.75
	dms., ex whseb. No. 2, 90-95%, bgs., dms., ex	.03	.70
.1065	whseb.	.65	.75
.1025	Grease (See Olis, Fats & Waxes market r Grease oil (See Lard oil).	eporti	
.1060	Gualacol, tech., 500-to dms., 24,000lb.		
-	min., f.o.b. Wallingtord, Connb.	2.70	_
-	NOTE: Purified grades are 10c. higher		
-	Guargum, edible, bgs., c.i., f.o.b.	2.50	-
-	ship't. pt	.50	.75
1.03	Indust., bgs., high viscosity, C.l., same basis	.50	.85
.7712	Carling Leader		
.821/2			
.0274			

7	l	I		
		ı	Ī	ı

1 <b>273</b> .		
Heliotrapin, dmskb.	8.00	8.25
Hemiock off (see Spruce of).		•
Henbane legves, bis	.65	-
Heptene, Indust., tanks, f.o.b. Besu- mont, Tex	1.07	_
95%, tanks, I.o.b. Houston,	1.40	
Texgal.	1.18	-
Heptanoloacid, syn., tanks, f.o.b.	.65	-
i-Hexadecand, syn., tanks, t.o.b b.	· .4314	-
Hexahydrophthalic anhydride, tech. dms., Lt.i., f.o.b. works lb.	1.42	
Hexamethylenetetramine, gran. bgs.,	••••	:
l pl. (l. work)	.55	-
gran. dna . c.l., t.l., works lb.	59	
pdr. bgs., c.L., t.l., workslb. powd, dms. c.L., t.l., workslb.	.60 .63	_
Hexane, Indust, tanks, works gal.	1.01	1.15
95%, tanks, f.o.b. Houston,		
Texgal.	1.12	-
l-Hexanol, syn., tanks, f.o.b lb.	50	-
Hexyl alcohol, mixed isomers,	99	
p-Hexyl methacrylate, dms., c.i.,	.02	_
works	7514	
Hexylene glycol, tanks, divd lb.	.50	<b>-</b>
Haxylresordnot, USP, dms., 25-lb. lots	00.00	
or more, frt. alkt	30.00	·
100-oz, iots, bots, oz.	10.26	11.30
Hometropine methylbromide, USP, 10-		1
250 oz. lota, bots oz.	9.70	10.70
Horehound herb, bls,	25	.28
Hydrazina hydrate, 85%, t.l., frt.	1.54	
55-gal. dms., LL, frt. elid b.	1.61	_
Hydriodio acid, purif., 47%-57%, 2-		T
cbys., f.o.b. works, ib.	7.50	in the second
Hydroabletyl alcohol, tech., solid.	de	S ( )
dina. c.l., f.o,b. zone 1 fb. tenke, f.p.bl zone 1 ib.	85 80	- <u>-</u> <u>-</u> <u>-</u> .
Hydrobronic acid, 48% dms., c.i. i.i.,		l
1. St. D. Lake Disk and the constitution of the con-	381/2	J + 3
Hydrochioligacid, enhyd, (see Hydrogen	chlorida).	( ) M/3

# CHEMICAL PRICES

WEEK ENDING SEPTEMBER 5, 1986

This chemical prices section contains spot quotations and/or list prices of suppliers of chemicals and related materials on a New York or other indicated basis. The listings are based on price information obtained from suppliers. Note that posted prices do not necessarily represent levels at which transactions actually may have occurred. They do not represent bid and asked prices, nor a range of prices over the week. Price ranges may represent quotations of different suppliers as well as differences in quantity, quality and location. All matters under this heading are fully covered by copyright.

An index of weekly chemical market reports is on the back cover.

			Alumina, activated, gran., 100-lb. bgs.,	
			40,000-lb.min.c.l., works.ton 821.00	•
A			calcined, bulk, same basis ton 354.00	
44			100-lb.bgs., same basis ton 380.00 hydrated, white, bulk, same ba-	
			8is ton 190.00	
	_		100-fb. bgs., same basis ton 224.00	
Ables siberica oil, cns	15,00		Aluminum acetate, basic, dms., l.c.l., worksb. 3.25	
Acetaldehyde, 99%, tanks, irt. alld. ib.	.37	-	Aluminum chioride, annyd., soln., 500-	
Prices to higher in West.	_		600 lb. drns., cl., t.l., works,	
Acetaminophen (see N-Acetyr-p-aminophe	enol)		int. equald	
Acetanikie, tech, flaked, bgs, t.l., f.o.b. works	1.29	_	bulk, same basis	
Acetic acid, tech., tanks, divd. E lb.	.25	-	Akuminum chloride, com!., soin., 32°	
Acetic anhydride, tanks, divd. E ib.	.431/2	-	tanks, works 100 lbs. 15.00	
Acetic anhydride prices 1c. higher in Wa	st. 1.29	_	ret.dms., c.l., works 100 lbs. 12.00	
Acetoacetaniide, dms., t.l., divd ib. Acetoacet-o-anisidide, dms., t.l.,	1.23	-	non-ret. dms., same beels . 100 lbs. 20.00 Alumhum formate, dibasic, liq. 8%	
divdib.	2.70	-	Al ₂ O ₃ t.l., works	
Acetoacet-o-chloroenilide, dms., t.i.,	0.05		Aluminum hydrate (see Alumina, hydrated)	
divd	2.85	-	Aluminum hydroxide, dried, ge), NF.	•
divdlb.	1.5 <b>B</b>	_	75-lb. dms., c.t., t.l., works. lb. 2.75 Aluminum metal, 99½% or more, 50-lb.	3
Acetoacet-m-xylidide, dms., t.l.,			pigs., 30.000-lb. lots, Irt.	
GRVCIID.	3,33	-	and	
Acetone, tanks, divd. E, lb. divd. Zone 2 (Catt.) lb.	.25 .27	_	Ahuminum oxide amorphous (see Alumina, calcined).	
divd. Zone 3 (W. of Rockles exclud-		_	Aluminum paste, leafing grade, std.,lining, 2,400 lb. lots,	
ing Calif.)	.27	<b>-</b>	divdib. 1.40	
Acetonitrile, tanks, frt. ald ib.	.53	.541%	lining, extra-fine, same basis lb. 1.99	2
Acetophenetidin (see Phenacetin). Acetophenone, tech., tanks, f.o.b.			Aluminum phenoisulfonate, purif., 100- kilo dms., t.lkilo 6.46	
worksib.	.76	.85	Akuminum powder, leafing grade, atd.	
pertume grade, extra, cns lb.	2.15	-	l lining, 2,400 lb. lots, divd. lb. 3,17	
N-Acetyl-p-aminophenol, c.l., t.l. workskilo	5.95	6.64	extra fine, lining, same basis ib. 4.04	_
Acetylene black, imp., 50% com-	0.50	0.04	Aluminum stearate, bgs., c.lb. 1.25 Aluminum sulfate, coml., grd., 100 ib.	1
pressed, 121/2-lb. bgs. c.l., t.l.			bos., c.l., works, irt. equatd	
frt. extra	.96	-	bgs., c.l., works, irt. equald., basis 17% Al ₂ O, East and Gulf	
100%, 25-lb. bgs., same ba- sis	.951/2	_	Coasts	
Acatylene tetrabromide, tanks, Lo.b.			West Coast	
workslb. Acetylselicylic acid, USP (see Aspirin).	.97	-	kon-free, dry, bgs., c.l. same	
Acetylinbulyi citrate, bulk, 1.o.b.			[ basis ton 300.00	
works	1.28	_		26: 33
Acetylulethyl citrate, bulk, 1.o.b.			Aminoacetic acid, USP, dms., 20,000	33
worksib. Acrolein, tech., tanks, worksib.	2.06 .62	-	lbs., f.o.b. works	
Acrylamida, soād, (.l. works	1.00	_	tech., t.l., same basis	
soln., 100% basis tanks, works lb.	.74	77	p-Aminobenzold scid, 1,000 kilos or more, dms., f.o.b. works . kilo 9.60	10
Acrylic acid, glacial, reg., tanks,		••	2-Amino-4-chlorophenol dry and grd.,	•
tech tanks, frt. sild	.87 .60	=	14,000 lbs. or more, frt. alid. lb. 5.79	
Acrylonitrie, tanks, works lb.	.391/2	.451/2	Aminosthyl ethanolamine, tanks, frt.	
Acrylonitrite-butadiene-styrene resin.			N-Aminoethyl piperazine, tanks, f.o.b.,	
high-impact, nat., t.l., dma., divdb.	1.09	1.12	frt. collectb. 1.05	
medium-impact, nat., same basis b.	1.05	1.08	2-Amino-2-ethyl-1,3-propanediol dms., tl. f.o.b. workstb. 1,82	
low-impact, net., same basis ib.	98	1.01	dma., t.l. f.o.b. workslb. 1.82	
Adipic acid, reain grade, bulk, hopper cars, frt. equald	.57	٠_		
bas. t.l., c.l. frt. equaldb.	.59	·		_
Agar USP, powd., 60 to 100 mesh.,				T
dmsb. Alcohol, syn. C-8 to C-10, tanks, f.o.b.	9.50	9.85		٧
works	.38	_		.\
C-12 to C-13, tanks, divd ib.	.57	.59		ij
C-14 to C-15, tanks, divd b. C-16 to C-18, tanks, divd b.	.57 .60	· <b>-</b>		Į.
Aldehyde, C-8, dms	4.10	5.70	THE TERMINOLOGY OF THE	-
C-7. dmsb.	1.95 4.30	_	THE TERMINOLOGY OF THE	<u>: (</u>
C-8, dmsb.	4.30 4.30	6.30	a/sipha 0.00=tdotd	
C-10 cms	4,30	6.35	alid followed C. (Centingrade	
Alkali blue, dry, flushed, 110-lb, dms,			amorph/amorphous cbys./carboys	
divdb.	3.72	3.83	AMP/American melting CD/completely	y d
Alkali blue prices 1c. higher W. of Rockies.			arbud Jambudanua atured	-
Alispice Guatemalan / Honduran			1 AOAC/Association of	ifai
bgs b	87	-		
Jamelcan, bgs	. 1.05	-	one /eveliphic phon	
Attyl atcohol, tanks, f.o.b., Bayport,		-	phoric acid	rei
<ul> <li>Allyl browide, 500-kilo data, 2,000 hs.</li> </ul>		-	approx./approximately collections	ure J
or more, works , b	. 5.50		ARTIA/American Cont. Cps./Centipoli	80
Allyl caproste, 25-lb, cns	. 3.90	4.50	Abu for Torling 8 Cryst./Crystal	Wn
Allyl isothlocyanate, bots		6.90	Materials cins./carea	
. Almond off, artil., bitter (see Benzalde)	hyde.)		cyls./cylinde	
Almond oil, nat. bitter, NF 1.1.p.s		3.60	b/beta	
botsb	). 3.50 ). 1.24	· 1.50	Se/Baume d-/dextro	
Alce, Cape, cs	. 2.00	_	bbls/barrels dbl./double	
nowdcs	2.25	2,75	b.g./bete-gamme denst./denst bgs./bags dest./flex	ure
Ouracao, kgsk	s. 2.60 s. 3.00		bgs./bage dest.dist./de bis./bales tively disti	خا
powd., kgs			bots/bottles di/dextro-les	nu.
Alum serveronium tech. Gfan., bos			I hall many Mante. Other/California	
c.l., i.l., works 100 t	). 35.00		b.p.L/bone phosphate distr./distrib of lime dive./deliver	uk
FCC powd., fiber drifs., Works 1 0003	. 00.WJ	•		
Alum, potassium, tech. gran. bgs., c.l i.l. works 100 its	35.00	i - 🕌	bx s./boxes « dom./domes	ηbr
told brokens and an analysis			a. at in the provided by a first control of the provided by the control of the provided by th	

1	o-Aminophenol, dims., f.o.b. Charlotte,	2.05	_	Anisic aldehyde, c o-Anisidine, imp., i
١	n-Aminophenol, I.I. dms., 1.o.b.	3.95	_ 1	p-Anisidina, imp. works
١	Paleigh, N.C kilo p-Aminosalicylic acid, USP, 50-kilo	7.15	-	llakes, same ba
١	rima ti	18.50	-	Anthranite acid, pi
	Ammonia, anhyd., fertilizer, wholesale, lanks, divd. Midwast termi-			Antimony fluobora data, t.i.,
ŀ	naleton 1	165.00 1 80.00	170.00 85.00	Antimony metal, t
	omionist 20 4% NHs, ANNVO, DASIS.	00.00		Antimoný oxido, h alid E. of
	tanks, frt. equald. E. of Hock-	260.00 3	315.00	Antimony trichlo
	Ammoniace   quor(see Ammonia, aqueou	<b>IS)</b> .	ľ	Apomorphine hyd
	Ammoniac sai, galvanizing grade, bgs., c.l., i.o.b. works 100bs	28.60	-	Apricot kernel oil.
Н	Ammoniac sal. white (see Ammonium chic Ammonium biborate, gran., dma., c.i.	ride comi.	}.	Arabic gum, pow spray dried
	worksb.	.90	-	USP grado .
	Ammonium biborate powder 15c. per ib. Ammonium bicarbonate, 300-ib. fib.			Aromatic potroiou potroiou
	dms., c.l., works 100 lbs. bgs., c.l 100 lbs.	26.00 25.00	-	Areenic, crude (se Arylid, red (see N
	i Ammonium bichromate, biloto-iitilo			Arsonious triox
	grade, gran. 100-lb. dms., l.t.l. works	2.00	-	1.o.b. wa Asbostine (see T
	Ammonium bifluoride, bgs., t.l., worksb.	.70	_	Ascorbic acid
	Ammonium bromide, dom. NF, gran.,			divd Ash, black (see E
•	dms., c.l., t.l., f.o.b. works . lb. Ammonium chloride, white, lech.,	1.31	-	Asphalt gilsonite Asphalt petroleu
i	fine gran., bgs., c.f., works100bs.	18.00	_	Coast. emulsion, tar
	USP. Orandrns	.40	.53	Coasi. steam-reimed
	Ammonium citrate, dibasic, 250-lb. dms. f.o.b, workslb.	2.79	-	tanks, te
	Ammonium dimolybdate, approx.			steeproofing (
	85%, 24,000 lbs. or more . lb. Ammonium fluoborate, tech., dms	5.48	_	Aspirin, USP, kb.dms.
	C.I., t.I., works, frt. equeld lb. Ammonium heptemolybdate, cryst.,	1.79	-	10% starch g
	dms., 24,000 lbs. 1.0.b.	6 67		lb. dm, d 16% starch gr
	worksb. Ammonium lauryi suffate, tanka, I.o.b.	5.57	<u>-</u>	basis . Freight equals
	works	29	.32	from N
	f.o.b. Hoquam, Ore ton	72.00	-	Louis. Atropine suifate
	Ammonium nitrate, dom., fertilizer grade, 33.5% N, buik, S.E.			Avocado oil, dm Azelaic acid, tec
	divdton Ammonium oxalate, tech., line, gran.	130.00	135.00	dlvd
	300-lb. dms., t.l., l.o.b.	4 40	1.00	Azo orange, bbi Azo yellow, 10
	works	1.42	1.68	Rockie Azo G yellow pig
	c.i., workslb. Ammonium pentaborato powder 20c.	.75	-	SIS
	per lb. higher.			
	Ammonium persuitate, 225-lb. dms, 24,000 lbs. or more, f.o.b.			
	works	.58 .561⁄a		
	Ammonium phosphate (see Di- and π			
	phates). Ammonium silicofluoride, dms. c.l., t.l.,			
	worksib.	.30%	-	Bacitracin, USF
	Ammonium sulfate, lg. gran., bulk, c.l., workston	80.00	90.00	units o Barbital, NF, 50
	std., coml., bulk, f.o.b. works ton tech., bgs., c.l., t.l., works ton	60.00 108.00	70.00 120.00	Barbital-sodiu divd
	Ammorium suifide, liq., 40-44% tenks, 100% basis, frt. equaldton.	460.00	_	Barita, dry-gro
	Ammonium sulfocyanida, tech. (see Am		locyanale).	coarso water-g
	Ammonium thiocyanate, tech., cryst., bgs., c.l., works ib.	1.02	_	J.o.b. v
	tech soin., 50%, tanks, irt. equald.,	.93	_	grado.
	Ammonium thiosulfate, photographic,		_	Barium carbor works
	60%, tanks, f.o.b. works ib. Ammonium zirconyl carbonate, soin.,	.13	-	bgs., sa photo gra
	bulklb. Amyl acetate, primary mixed isomers,	.72	-	Barium chlora
	tanks, divd	.67	-	dm. lo Barium chkaid
	Amyl alcohol, primary mixed isomers, tanks, irt. alid ib.	.467	<b>5</b> -	works grihyd, dri
	Amyl chinamic aldehyde, dms ib. p-tert-Amylphenol, bulk, works ib.	2.35	2.50	Barium chlork
	Amyria oil, dmsib.	11.50	1.03 12.28	dms. Barium monor
	Anethole, tech., dms kilo USP, dms	10.20 3.65	4.60	I.I. I.o octahydra
	Angelica root off, bots kilo	700.00	.3572	basis
	Aniline, tanks, f.o.blb. Anise cii, dmskiio	.33 11.76	.30V2 -	Barlum nitra works
=			<u> </u>	

kgs./kegs

i-/laevo ib./pound

dma, c.l., t.l., f.o.b. works . b. tanks, f.o.b. works . b. Aminophanal

ţ	o-Anisidine, inip., dris , divd b.	2.27	549 -	1	Barlum peroxide, 700-lb. dms., c.l., 1) works	30	-
	p-Anistding, imp., cast solid, dms., worksib	1.90			market Bulk, Lile, 1.0.0.		
1	ilakes, same dusis	2 25	:	į.		1.05 no tixot	-
	Anthraniic acid, purif., 99° min , dms., 11 , frt. aildb.	4 76		[	Barlum sulfate, tech. (see Barlte and Blat Barlum sulfate, USP, X-ray diagnosis	io livoj.	
1	Antimony huoborato, hig. conc., 175-b.	1.70	-	1	Arada nowo Zo kiiu uya	FAL.	
١	ckiig., t.i., works	3.02	-		10,000 kilo lots lb. Berium suilide (black ash), dms . c.l.,	5812	-
1	Antimony metal. bulk, cl., mines lb. Antimony oxide, high-lini, bgs., c.l., frt.	1.35	1.39		10/1	460.00	-
ł	and E. of Rockies lb.	1.40	150	- 1	C	.75 .88	85 .90
	Antimony trichloride, anhyd., solid, dms., t.l. worksb.	3.60		]	French Ib Bassiol, Comores Ib	90.00	-
1	Apomorphine hydrochlorida, NF, bats.,	0.00	-	1	Dani Ai Grand Vari	45.00	70.75
1	Apricat kernal oil, dmsb.	15.00 2.05	-	1	Battery and, 11., f.o.b., works ton Bauxite, calcined, refractory grade,	52.00	70.75
	Arabic gum, powdbblsib.	1.85	2.15	ł	8734-88% Al ₂ O ₃ , Ballimore &		
	spray driedb. USP gradob.	2.00	259 9.25	1	Mobilemetric-ton Bay oil NF, 55-60%, dms	229.28 10 50	15.00
	Aromatic potroleum solvents (see	6.75 Solvent.	9.25 Denkika	- (	Rawherzy With, bOS ID	2.70	3.00
	potroigum, aromavc)			- }	Beeswax, reid., bleached white.	3 10	3.20
	Arsonic, crude (see Arsonious trioxide). Arylid, red (see Napthol, arylid red).			- 1	bricks, 100-lb. ctns lb. white, slabs, 100-lb. ctns lb.	3.05	3.10
	Arsonious trioxide, 99%, bulk, c.l.,			l	yellow, bricks, 100-lb. ctris lb.	3.00	3.10
	I.o.b. warohouseib. Asbostine (see Talc, fibrous).	.42	.45		yellow, slabs, 100-lb, ctnslb Benforits, dom., c.l, bags, f.o.b.	2.95	3.05
	Ascorbic acid, USP, 100 kilos,			- 1	workston	43.50	-
	divdklio. Ash, black (see Barium suliide).	9.00	10.60	ı	Benzaldehyde, NF, dms.,	1.25	-
	Asphalt gilsonite, (see Gitsonite).			- [	tech, dms. c.l., t.l.,	.73	.83
	Asphalt petroleum cutback, tanks, E. Coastgal.	.88		)	the Flockles.		
	emulsion, tanks, tankwagons, E.	.00	-		Benzens, indust. or nitration, barges. f.o 8aton Rouge, La gat.	.D. .80	_
	Coast	.68	•	- }	Baytown, Tex gal.	.80	-
	tanks, tankwagon ton	170.00		-	Beamont, Texgal.	.80 .80	-
	<ol> <li>steep roofing grade, bulk tankwag-</li> </ol>	175.00		i	Catetaburg, Kygal Chicago districtgal.	.80	_
	anton Aspirin, USP, cryst., powd., 250-	175.00	•		Chocolate Bayou, Tex gal.	.80	-
	ko.dms. cl, f.o b fb.	195	-	:	Cuirton, Pa gal. Corpus Christi, Tex gal.	.08. 08.	_
	10% starch granulation, white, 250- b. dm, c.l., f o.b b.	1.97			Deer Park, Tex gal	.80	-
	16% starch granulation, white, same	n de		ų,	Houston district, spotgal. Lima, Chiogal.	60 .85	<b>6</b> 1
	basis	2.80 v over stare	dandrouaes dandrouaes	ſ	Wood River, III	.80	_
	from N.Y., Phila, Midland, Mi	ch. Chica	go met gr	.	Benzene hexechloride, 99% gamma iso: Benzidne orange, powd., bgs.,divd.ib.	Mer (soe Lir 4.90	xdane). 8.70
	Atropine suifate, USP, bots oz.	10.00	11.00		ig., containers, divd (b.	3.36	3.89
	Avocado oil, dms lb.	4.00	4 50	- 1	Benzeline yellow, AAA, bgs., divd lb. AAOA, bgs., divd lb.	5.80	6.05 7.40
	Azelaic acid, tech , 50-lb, bgs., t1 , c1., divdlb.	1.23	-	- 1	AAOT, bas, divd	7.35 5 95	6 20
	Azo orange, bbls., dlvd b.	4.60	-	- 1	Benzosaina, USP, dms., 1,000 kg. lots. Lob., workskg	10.00	
	Azo yellow, 10 G, bgs., divd. E. of Rockies	4.40	_	ſ	Benzoditydropyrone, drns	10.00 12.50	11.50
	Azo G vellow pigment, bos , same ba-			ŀ	Benzoic Bold, tech., bgs., c.l., t.l., f.o.b.		
	Sis	2.45			uspoyst, dms., ton lots same ba-	.55	.58
				}	sis	1.73	1.7
				1	parzophenone, N.F., 1,000 lbs. or	1.80	-
				- [	MF 1,000 klos or more, f.o.b kg.	3 50	3.6
۹.				1	יייסי, ייעט KNOS Or more. Lob	7.45	-
•				_ [	WDIKS Loc	4 35	
	Printing and AMP or the large bullion			-	2.2. Benzontazyi disulfide (see Merca fide).	piobenzoth	inzyl d
	Bacitracin, USP, non-sterile, one billion units or more million units	6.30	680	)	Benzotriazole, flake, dms., 1,000 lbs.		
	Barbital, NF, 50-kilp dms , dlvd kilo	22.50	-	- 1	ormore, f.o.b. works lb. powd , dms., 1,000 lbs. or more,	6.10	-
	Barbital-sodium, NF, 50-kilo dms. divdkilo	23.00	-	, l	DESCRIPTION IN	6.20	_
	Rerite dry-ord, Southorn olf-color,	.09	.11	ı k	photo-grade, dms., 1,000 lbs. or more, same basis lb	0.00	_
٥.	coarse, bgs., c.l., l.e b mines b. water-grd., white, bgs., c.l.,			ľ	water the second	9.90	_
•	I to b works		-	- 1	lanks (rl. ecusale)	.87	-
	unbleached, extra-line, pigment grade, c.l., t.o.b. works ton	160.00	-	ł		.80 .67	.61
	Darium Carbonata, precip., bulk, C.L.			)	Benzoyi peroxide, regular gran.	.74V2	.79
	works frt. sounkt			•			
	bgs., samo bosisb. photo grado, bys., samo basis ion	010.00	-	ł	works, int equald 10.	2.35	6.9
	I Garium chlorain, 1803-18, 0MB., 1714			ı		1.71	1.9
	dm. lote, workstb. Barium chkride, toch, cryst., bgs., cl.				Benzyl acetate, dms	1.20	2.6
	WORKS			- 1	equal-i	1.26	1.8
	enhyd. druma c.l., samo basis. ton Borium chlorido, jburil., cyrst. 400-b					1.37	1.4
	I I'MB WOIRB		•	į.	and Du-	1.40	
	Darium monohydritto, 55-lb. 099., u.i.	46.00	•	F		1,40 1,34	-
	ACTONIMIZATO CTUST. DEID. 34417		o -	ı	Harta oning., amino DRAIRID.	1.32	-
V2	1 hade (100   100			` <b>}</b> .	Benzyl chloride, tech property drag	1.28 1.65	2.2
72	Barlum nitrato, 100-lb. bgs., i.l. works 100 lbs	32.6		. 1	A AL ASSOCIATION PION UNIS.,		
_	التناوي والمناز وبيها الماجا بالمناز والمناز		-		Diffe 1 at 1 and and 1 at 1 a	.69 .54	-
_		_	1 . 1	7 !	"denzyl-N.Medimethylamias	8.50	9.9
		11.7	: :	4	Benzylformate dome	2.30	_

Bamuth subcarbonate, USP, medium Bowd, 225-b. dms., works. b. 15.31

	Date: test com description			واواس اوادها والمالية
-	Borax, tech., gran., decahydrate, 991 2% bgs. cl., workston	237.00	- 1	Calcium carbide, std., generator size,
٠ ]	bulk, c.l., workston tech., pentahydrate, gran, 9912%.	192.00	-	bulk, c.l., f.o.b., works, ton 4 Calcium carbonate, pulverized, 325-
. [	bgs., c.l., works ton	265.00	-	mesh, bgs., bulk, f.o.b. works
- [	Borax, NF (See Sodium borate).	220.00	-	Biulties, 54% solide, same
İ	Boric acid, tech , gran , 99.9%, bgs., c i , works ton	614.00	_	basis
	DUIK, C I. WORKS	569.00	-	quicklime, gran., ind., bulk, work-
_	Boron Inchlorida, CP, 1,800-lb, cyls, workslb.	3 80		Ston Calcium carbonale, coated, bgs., c.l.,
85	Boron triliuondo, 60-lb, cyls., 11., 1.0 b. workslb.	4.03	_	worksb. Calcium carbonate, precip., bgs.,
90 (	bulk, siving basis	3.47	-	cl.,t.l ton
. I	Boron trifluoride, otherate, 500-lb, dms., t.l., f.o.b., works ib.	2.35	~	Calcium carbonate precip. medium, bgs.,c.1, works ton
75	phenolate, 500-lb dims. t.l., same basisb.	1.65	_	precip. dense. bgs., c.l., auriace
ļ	Bromine, dms., t.l., works lb.	.87	-	treated,bgs.,c.l.,workston ultrafine. USP. bgs.,
00	bulk. 45,0004b. min., works lb. punt., t.l., divd lb.	.33 .75	.341/2	c.l.,workston Calcium chioride, conc., reg. grade. 77-
·00	Bromine divd., prices for dins, and bulk in 1c per-lb. higher. Bulk 1.1 price	shipped W. o	of Rockles	80%, flake, bulk, c.i.,
20 (	higher for 30,000-lb, min. an	d 4c, to 51	cper-lb.	workston 100-lb. bgs., c.l., same
10	higher for 15,000-lb, min Bromochloromothane, dms., c.l., f.o.b.			basis ton anhyd. 94-97%, flake or pellet, bulk,
05	Midland	1.12 .26	- .26⅓	C.I., same basis ton
: l	1.4-Butanediol, tanks, f.o.b., frt.	.80		80-lb. bgs., c.l., same basis ton brining grade, 80-lb. bags ton
.83	equaldlb. dms., same basislb.	.88	Ξ.	Calcium chloride, liq., 100 percent ba-
	Butene-1, tanks, i.o.b. works., ib. n.Butyl acetate, syn., tanks, in. alid. ib.	.26 .52√₂	.28 -	sis, t.c., t.t., barge ton 45% same basis ton
_ (	n-Butyl acrylate, tanks, frt. alid. E., .ib. n-Butyl alcohol, syn., ferment, tanks,	.69	-	Calcium chloride, USP, gran., 225-lb. dms.,t.l., frt. equald ib.
- [	frt. alid ib.	34	-	Calcium citrate, purif., 200-lb. dms.,
: ]	sec-Butyl alcohol, syn., tanks, divd. lb. tert-Butyl alcohol, syn., tanks, divd.	.385	-	10,000 lbs. or more, f.o.b. workslb.
-	Eib. Butyl aldehyde (see Butyraldehyde)	.70	-	Calcium cyanamide, indust., anhyd.
-	Butyl benzyl phthalate, tanks, frt.			dms., works ton Calcium gluconate, USP powd.1.l lb.
-	alid	.53 .99	1.00	Calcium hydride, lump, dms., 25- 1,000-lb tots.workslb.
61	Butyl cyclonexyl phthalate tanks, tlivd	1 01	_	Calcium hypochiorite, 100-lb. dms.,
-	n-Butyl ether, dins., c.l., t.l., workstb.	1.85	_	truckloads ship,t. E. of Rock- les 100 lbs.
e). .70	Butyl Isodecyl phthalate, tanks, dlvd	.35	-	Calcium hypophosphile, dms., bulk, 500 kilos or more kilo
.89 .05	n-Butyl lactate, tanks, f.o.b. works . ib. n-Butylkthium, 15% soln., 1,000-ib	1.58	-	Calcium lodate, FCC dms., f.o.b.
.40	lots or more cyls, 100%	15 45		works
20	basis, divd ib. tanks, 3,000 lb min., 100% basis.	15.45	-	workskilo
.50	divd	14.75	-	Calcium lactate, NF, powd , pentahy- drate, dms., 24,000 lbs. or
ro	oguald lb	.88	-	more, t o.b. works lb. NF, gran , inhydrate, same basis, lb
.58	Butyl octyl phihalate, tanks, divd E	45	47	special gran , dried grade, same ba-
.75 -	Butyloleato, dist, dins., c l lb	88 83	_	Sis Ib Calcium naphthenate, liq., 4% Ca., c I
eo.	p-tert-Butylphonol, tanks works ib Butyl phthalate (see Dioutyl phthalate).	.70	-	f o b. plant, E. of Rockies lib d-Calcium, pantothenate, USP, 100
.60 -	Bulyi stearate cosmetic, drns., 77 dms.	.91	.97	500-kilo lots kik
_	or more	.92	-	di-Calcium pantothenate, feed grade, f.o.b. frt. alid., 250 kilos or
dısul-	Butyi stearate tech., t.l	.60 .55	.62 .58	more Kilo
	Butylemine (see Mono-,DI- and Tributyl tert-Butylemine, dms., c.l., t.l., f.o.b.	amine).		di-Calcium pantothenate, calcium chlo- ride complex, feed grade, 160
-	works	1.31 1.17	-	grams per lb., f.o.b., frt. alid., 500 lbs or more lb.
-	tanks, same basis		-	Calcium phosphate, dibasic, feed
-	oms., divd	8.80	8.85	grade, 181/2% P. bulk, c.l., t.l., f.o.b. works ton
-	grades, c.l., t.l., bgs., clvd lb. toch , bgs., c.l., t.l., divd lb.	1.24 1.24	1.30 1.30	Calcium phosphale, dibasic, dihydrate, USP, bgs., c.l., t.l., works, frt.
- .69	1.3-Bulyleno glycol, tanks, divd lb.	.72	-	equald
.75	Butyrakiehyda, tanks, divdb. Butyric acid, tanks, frt. alidb.	.29½ .44½	.38 -	anhyd., USP, same basis. 100 lbs. dentifice grade, same basis60 lbs.
	Butyric other (see Ethyl butyrate) Butyroloctone,tanks, I.o.b. plant b.	1.20	_	Calcium phosphate, monobasic, monohydrate, food grade,
.98	in-Butyronitriio, dms., c.t., divd io.	.93 .54	-	bgs., c.l., t.l., works, irt.
.95	tanks, divd	,U-9		equald,
2.60				tribasic, NF precip., bgs., c.L., frt.
.85 .43				1 gouald
	<b>.</b>			Calcium propionate, dms., 2,000 lbs. or more f.o.b. frt. alid lb.
-				Celcium silicate, hydrated, bgs., c.i., works
_	Cadmium chloride, purif. cryst., 100-			Calcium silicate, paint grade (866 yyour
2.25	I h dmg. t.l. workh	3.73	-	Calomel, NF, mild powd., 100-lb. dms., t.o.b. works
-	Cadmium, CP, red, dark ehade, bbis., 100-lb. lots, (rt. alid., E, of		40.05	Camphana chlorinated, 67-6975 (886 ) Camphor, monobromated, 678
- 9.95	Rockles	11.33 9.16	16.35 12.06	kaa
	I madii m anada, ddia uumu dasis	10.89	15.20	Camphor, syn., tech., 185-lb. dms., 5,000 lbs. or more lb.
-	medium-light shade, bbls., велта ba- sls. , b.	10.26	14.50	USP, powd., 165-lb. dms., 5,000 lb. lots or more
_	Cadmium, CP yellow, an anades, cos.,			syn., reid., 1-oz. tablets, cine. 1,000- ib. jois or moreib.
1.25	Rocklesib. Cadmium fluoborate, lkg. cono., dme.,	6.10	7.07	
3.25 3.25	1 1.1 WOTEN, 111, 944004,,,,,,,		<b>-</b>	white dms.
-	medium light shade, bbis., same ba- sis	3.22	: : <u>-</u> -	Cananga oii, indonesian, dms kilo Candellia wax, crude, bgs b.
٠.	68	F 125 ; ;	•••	mated muma bos
	Rockies	4,60	_	Caprio acid, comi, pure, dris ib. tanks ib.
-	Cadminin metal ingoto of contra	1.20	1.50	Caprid aldernos (aldernyos Croy driss-
-	Cadmium nitrate, puril., nake 400-10.	2,10	'	Consolerien monomer mate. Dust., U.
<b>5.50</b> ,	Cadmium-seienide lithopone, orange. light shade, bold., 400-fb. lols.		A "	noiten, lanks, same basis,
<b>.</b> .	I Mald E of Rockies.	3.97 4,47	4.00 - 4.50	Capryl alcohol sec. as-asta telino,
_ :	deep shade, bbls., same basis ib. Cadmium-selenide lithopone, red, dark		6.80	Caprylic acid, comi. pure tarate:
	shade, bols., same hasis	5.27	5.30	Capalcum (see Papper, red). Capalcum oli (see Capalcum olecresin).
		ر ال د اب	5.76	Capacium oleoresin, NF, from dom., peoper, drns. NF, from African peoper, drns.
ti.45	Bis	6.37 7.47	8.40	
<u> </u>	margon shade, but a state water, al		<b>1.00</b>	1,000,000 pungency
	shades, pole, section passe.		3.00	Caraway seed, Dutch, Ega
2,00	Cadmium eutate, du la companio quantity, Lob, ship, pt., s., b.; caffeine, dorn. USP, syn. cryst. er- hyd., powd., 100-lb, dms., d., b.; t.i., irt. shd., b. b.; caret and d. powd., dms.	4,05	1 1	L. Grandskir Dill
8.05 7.90	hyd., powd., 100-b. dms., a.L.	4.80	31.8 <u>1.1</u> 1.11	Carbon black, furnace, fast extruding. (FEF), bulk, o.t., works.
40, 23	t.L. frt. ald.	1.70	4.85	Annersi Durogsa (GPT), Dura, V.I.,
0.00 minated	min a south management.	4.70	1.70	has al works
sic)	Celemus oil, dries	20,00	35.00	high abrasion (HAP), high aurusture
٠,١	Calcilerol (see Etopoatorerol). Calcilero acetate, purif, powed, dris. LL works.	.87		DOD CITY WOLKS
- († 4 ° )	LL works.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$100	1. A
14 *	and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t			
; k				

Calcium carbonale, pulvarized, 325-mesh, bgs., bulk, 1.0.b. works ton sturfes. 54% solide, same beals. ton quickime, gran, ind., bulk, works ton calcium carbonale, coated, bgs., cl., works ton precip. dense, bgs., cl., works ton 10-bb gs., cl., same basis ton 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 198.00 and 1
PRICES
72% solds, same besis ton quickime, gran., ind., bulk, work.  S. Calcium carbonate, ocated, bgs., c.l., works b. Calcium carbonate, precip., bgs., cl., l.l ton Calcium carbonate, precip., bgs., cl., l.l ton Calcium carbonate, precip., bgs., cl., works ton precip. dense. bgs. c.l., surface treated, bgs., c.l., works ton precip. dense. bgs. c.l., surface treated, bgs., c.l., works ton 101-b. bgs., c.l., works ton 100-b. bgs., cl., same basis ton 100-b. bgs., cl., same basis ton 100-b. bgs., cl., same basis ton 80-b bgs., cl., same besis ton 80-b bgs., cl., same besis ton 80-b bgs., cl., same besis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 45% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 46% same basis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 400.00 450.00 Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 percent besis, c.t., tharge ton 400.00 450.00 Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis ton Calcium choride, liq., 100 besis t
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Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   S
Calcium carbonate pracip. medium, bgs., c.l., works
Digs.cl., works.
C.I.,works 100 160.00 170.00 180.00 170.00 Intermediate-super-abrasion (ISAF) 1.
Box   Calcium hydride, lump, dms. 25- 1,000-lb lots, works.   box   calcium hydride, lump, dms. 25- 1,000-lb lots, works.   box   calcium hydride, lump, dms. 25- 1,000-lb lots, works.   box   calcium hydrobosphite, dms. bulk.   calcium lodate, FCC dms.   lo. box
100-lb. bgs. c.l., same basis
anhyd. 94-97%, flake or pellet, bulk,
80-lib bgs. c.l., same besis ton brining grade, 80-lib. bags ton brining grade, 80-lib. bags ton Calcium chloride, lig., 100 percent besis. t.c., t.l., barge ton 45% same basis ton Calcium chloride, USP, gran., 225-lib. dms., t.l., frt. squald ib. 90 - Calcium clurate, purif., 200-lib. dms., 10,000 lbs. or more, 1.0.b. works ib. 3 82 - Calcium cyanamide, indust., anhyd. dms., works ton Calcium pluconate, USP powd.t.l. ib. Calcium hydride, lump, dms., 25-1,000-lb lots, works ib. 1.80 - Calcium hydride, lump, dms., 25-1,000-lb lots, works ib. 10.50 13.25 Calcium hypophosphite, dms., bufk, 500 kibos or more kilo Calcium lodate, FCC dms., I.o.b. works ib. 13.75 14.50 Calcium lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 5.50 - Calcium, lodate, FCC dms., I.o.b. works ib. 1.55 - 1.65
Calcium chloride, Ilq., 100 percent besis, t.c. t.t., barge ton 99.75   99.75   18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kibs more seems basis ton 18.00   50.6 kib
## 45% same basis
Calcium clarate, purif., 200-lb. dms., 10,000 lbs. or more, 10.b. works lb. 382   Calcium cyanamide, indust., anhyd. dms., works ton Calcium gluconate, USP powd.t.l. lb. 180   Calcium hydride, lump, dms., 25-1,000-lb lots, works lb. 10.50   13.25   Calcium hypochlorite, 100-lb. dms., truckloads ship,t. E. of Rockless 100 lbs.   92.40   Calcium lodate, FCC dms., Lib.   13.75   14.50   Calcium lodate, FCC dms., Lob. works lb.   5.50   Calcium lodate, FCC dms., Lob.   13.75   14.50   Calcium lodate, FCC dms., Lob.   15.50   Calcium lodate, F
Calcium cyananide, indust, anhyd.   Calcium cyananide, indust, anhyd.   Calcium gluconate, USP powd.ii.   Ib.   1.80   Carboxymethyl cellulose (see CMC).   Carboxymethyl cellulose (see CMC).   Cardamom oii. NF, bots.   Ib.   75.00   100.00   Cardamom oii. NF, bots.   Ib.   100.00   Cardamom oii. NF, bots.   Ib.   100.00   Cardamom oii. NF, bots.   Ib.   100.00   Id.   Ib.   I
Calcium cyanamide, industi., anhyd. dms., works
Carboxymethyl callulose (see CMC).   Cardamom ci, NF, bots b.   75.00   100.00
Calcium hydride, lump, dms., 25- 1,000-lb lots, workslb. 10.50 13.25 Calcium hypochlorite, 100-lb. dms., truckloads ship,t. E. of Rockles
Calcium hypochiorite, 100-lb. dma., truckloads ship,t. E. of Rock-les
Ies
500 kilosor morekilo 13.75 14.50 Ceara, No. 1, yellow, bgs., ton tots
works
A company of the company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Comp
works
toniots 10. 1.30 1 45
NF, gran , Inhydrate, samo basis, lb 2.10 - mesh, 20c. per lb, higher
515 . 1b 2.80 - Suspension 400,000 A units
f o b plant E of Rockies Ib85 - b-Carotene, Ito in vegetable oil.
d-Calcium pantolinenate, USP, 100- 600-Wo lots
1.0.b. (rt. alid., 250 kilos or Aunits per gram 50-lb. cns lb 25.85 - more kilo 8.00 8.50 d-Carvone, 25-lb. dms., syn
di-Calcium pentorhenate, calcium ohto- ride complex, feed grade, 160 Cascara sagrada bark, bulk bl. 1.00 -
grams per ib., f.o.b., irt. alid., Casein, imp., acki-precip, grd., 30- 500 liber more, ib. 2.75 - mesh, Australian, edible,
Calcium phosphate, dibasic, feed same basis, c.i.f ib. 1.45  Australian, indust, same basis.
Calcium phosphate dibasis disvirate  Calcium phosphate dibasis disvirate  Cassella acid, 303 mol. wt., dms., frt.
USP, bgs., c.l., i.l., works, frt.   Gassia, Korintii "A" bgs
anhyd., USP, same basis. 100 lbs. 71.75 - B" bgs
Calcium phosphate, monobasic, USP 5-9 dms
bgs., c.l., t.l., works, frt.
anhyd., food grade, same ba-
tribasic, NF precip., bgs., c.l., irt. castor pomace, bgs., container load, equald 100 lbs. 62.50 - Castor pomace, bgs., container load, equald
Calcium propionate, drns., 2,000 lbs. Castoreum nat., cns.,
Catechol, CP, 45-kilo drns., 50-239
Calcium stilcate, paint grade (see Wollastontie).  Calcium stilcate, paint grade (see Wollastontie).  Calcium stilcate, paint grade (see Wollastontie).  tech., bgs., t.i., same basis, kilo.  Calcium stilcate, paint grade (see Wollastontie).
f.o.b, works
Camphor, monobromated, dms., b. 3.63 3.70 Cedarwood of, Texas, dms., cns ib. 3.50 4.00
Camphor, syn., tech., 100-to. unis. 5,000 lbs. or more
b. lois or more
b, lots or more,
write, dms
Canange of, inconessari, orns
reade pure, 198
cns, b. 3.95 b.35 std., low or medium vis., bgs., c.l.,
Cenum concentrate Ceu ₂ , so los
Capryl alcondi sec. 92-90 to 1010. 35 - 77% CeO. dms., works
Cappylic acid, comi, pure tanksD
Carreloum Of (866 Caperoum creates)    Caperoum Of (866 Caperoum creates)
I A-Adam Mondan, Nr. (Cit) Outs. I Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 Charles 1 C
Capelcum oboresan, Nr. Iron John.  Deposit dris, b. 11.00 - Chamomile flowers, Hungarien, cs., ib. 4.26 4.50  NF, from African peopler, dris ib. 4.94  Roman, cs., cs., cs., cs., cs., cs., cs., cs.
Capelcum objects No.   No.   No.   Chammile downs, Hungarien, cs.
Capabicum ofeogram, Nr; Iron ton ton;   Day 11.00   Chark (see Jackskintostatists)   Chark (see J
Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Caper   Cape
Capital Control Cont
Capabicum objected No. No. 10.0   Chargonie dowers. Hungarien, cs. ib. 4.25   4.50
Capital District Color   Chargorite Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital Capital

L1. works....... 100 lbs. FCC powd. fiber dms., works. 100 lbs. CHEMICAL MARKETING REPORTER September 8, 1888

THE TERMINOLOGY OF THE CHEMICAL MARKETPLACE

F./Fahrenhelt

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		5		N. Carlo	
<i>5</i>	1.03	CAS	)	· 新香香 中心 · · · · · · · · · · · · · · · · · ·	
	- NE- 12-		- -	1	

				_				
			CMC, technical, 96% minimum, low or medium vis., bgs., 24,000 ibs.,			Cube root, powd., 5% rotenone, basis, 50-lb. bgs., t.l., works lb.	.60 .14	.14
CHEMIC	M		f.o.b. Hopewell, Va., 100% basis	1.25		Cumene, bulk, contract, (.o.blb. Cumin seed, Indian, bgslb.	.82	.85
CHEMIL	Щ		detergent makers, f.o.b. marwisc-	.64		Cyanuric acid, dms., c.i., t.i. irt. equaldb. Cyclamen aldehyde, 50% min. alde-	1.16	1.37
			CMC, purif., high vis., (see Callulose gu/ Chalter pitch, indust., lig., workston.	n). 250.00	255.00	nyde content, dms lb. 98.5%, dms lb.	4.85 7.35	9.20
DDICEC	•	Ì	roofing, 140-155, Federal specifica- tion RP-381 Type 1, bulk		1	90-92%, dms. ib. Cyclohexane, bulk, barges, wks gal.	7.85 .926450	.936450
<b>PRICES</b>		<u>l</u> i	workston Cobalt acetate, drns., t.l., frt. alid lb.	350.00 3.81	4.25	Cyclohexanol tech., tanks, f.o.b., lb. Cyclohexanona tech., tanks, f.o.b.	.52	.66%
WEEK ENDING SEPTEME	SER 5	1986	Cobalt carbonale, powd., dms., 1rt.	6.61	8.16	works	.5514 .565	.58\/a -
			Cobait chloride, dms., 5,000 lbs. or more, ft. equald	4.15 8.20	_ 10.55	Cyclohexylamine, tech., tanks, worksib.	.85	_
Chlorinated paraifin, Zone 2 prices are 10 Zone 3 prices are 2c per lb. higher	c. per ID. ri r and t.i. din	nu buces Substitution	Cobalt hydrate, dms., t.l., frt. alid lb. Cobalt metal, 99.5-99.9%, 250-klio.	11.70	-			
are 6c per lb. higher Chiorinated rubber, 5, 10, 20 cps., bgs, , divd	1.66	_	dms., f.o.b. NY, Chicago fb. Cobalt naphthenate, liq., 6% Co., dms., dlvd	2.08	_			
40 cps, bgs., t.l., divd lb. 125 cps , bgs., t.l., divd lb.	1,92 2.60	-	Cobalt nitrate, dms., t.l., frt. aldlb. Cobalt oxide, imp., black, 72-73%	2.74	3.45			
300 cps., bgs., t.l., divd., lb. Chlorine, tanks single units works,	2.75		Co	9.51 9.78				
Chloroacetic eckl, mono, high purity.	95.00 2	200.00	Cobalt phosphate powd. 32.1% Co., dms., divd	1.35	- [	2,4-D acid, tech., 50-lb, bgs., c.l., t.i.	1.10	1.25
flake, 99% bulk f.o.b. workslb. 2-Chloro-4-aminotoluens, tech., ikq.,	.56	-	Cobalt resinate fused, 3% Co., dms	.381/2		works, frt. equald lb. 2,4-D butyl ester, tech., 55-gal, dms.,	1.30	1.23
dms., c.l., t.l., f.o.b. works . ib. o-Chloroanine, liquid, dms., c.l., f.o.b.	1.88	-	Cobalt suifate, cryst., bgs., 10,000 lbs. or more, frt. alld. E lb. monohydrate, dms., frt. alld lb.	2.81 4.56	3.54 6.02	c.l., t.l., works, irt, equald. lb. tanks, same basisib.	1.25	-
works	1.63 1.55	-	Cobait taliate, 6% Co., dms., divd. ib. Cocillana bark, bis. ib.	2.16 .40	.45	2,4-D dimethylamine salt, t.c., t.t. works, frt. alki gal Decyl alcohol, mixed isomers, tanks,	8.05	-
p Chloroamine, solid, c.l., t.l., f.o.b., lb. flake, dms., c.l., same basis lb.	1.70 2.00	-	Cocoa butter, spot	2.10	-	divdib. perfume grade, dmsib.	.32 .75	<u>-</u>
o-Chlorobenzaldehyde, dms., t.l., works	2.45	-	Coconut oil scids, distilled, 1.c., (o.b	.52	.58	Defluorinated phosphate (tricalclum), feed grade, 18% P, c.l., bulk,		
p-Chlorobenzaldehyde, dms., 2,000 lbs. or more, workslb. o-Chlorobenzok acid, dms. l.t.l wks lb.	3.84 3.90	3.85	double distilled, same basis lb. Cod oil. f.o.b., Gloucester, Mass.,	.54	.63	f.o.b. works ton Denatured alcohol, ethyl. CD18, CD19.	195.00	228.00
p-Chlorobenzoic acid, dms., 500-lb.	1.69	2.25	bulkgal. Codelne alkaloid, NF, 25-kiio lots, ikilo.	6.50 900.00	- ]	tanks, divd. E gal. NOTE: Tankcar sales require written au	1.87 thonzation	- by Alcoho
Chioroform, tech. tanks, distr. divd lb. tech., consumers, tanks, divd fb.	3412	-	Codeine phosphate, USP, cns., 25-kilo lots	640.00	-	and Tobacco Tax Division Denatured alcohol, ethyl,		•
NF tanks, min., consumer, 4,000 gals.divdb.	.351/2	-	Codeine sulfate, NF cns., 25-kilo	775.00 6.50	7.25	SD2B, tanks, divd. E gal. SD3A, tanks, divd. E gal.	1.81 1.761⁄2	-
2-Chloro-4-nitroandine, paste, com- modity basis, dms., t.l.,	3.06	_ ]	Codiiver oii, NF, dms	1.50 3.75	-	SD23A, tanks, divd. E gal. SD23H,tanks, divd. E gal.	1.86 1.89	Ξ
t.o.b	3.15	-	Copper acetate, monohydrate, cryst., tech., dims., t.i., works	.71	.74	SD29, tanks, divd. E gal. SD30, tanks, divd. E gal.	1.83 1.72%	
mol. wt., commodity basis, dnis., t l., f.o.b	2.25	_	Copper bromids, (cupric) 200-lb. dms., 100,000-lbsper-year con-			SD35A, tanks, divd. Egal. Denatured alcohol, ethyl, brucine formula	1.88%	-
powd., same basis,	2.70	-	tracts, works	1.34	-	SD40, tanks, divd. E gal. ethyl, optional formula, SD40, tanks,	1 83 1.824	_
p-Chlorophanol, dms., c.l., frt.	2.00	2.40	dense, 50-lb. bgs., c.l., t.l., works 100 lbs.	108.30	-	divd. E		
equald	1.25	1.70	light, fluity, 50 lb. bags, c.l., t.l., works 100 lbs.	109.30	-	Mest Coast divd. prices are the aar except in idaho, Oregon and W	ne as Eas	stem price
Chlorosulfonic acid, tanks, fri.	1.25 .1872	_	Copper charide (cupric), anhyd., c.i., works	90	-	differential on tenkcers is main Desoxvechedrine hydrochloride (See	lained.	
p-Chlorotoluene, tech., tanks.	1.00		ib. lots or more lb. Copper fluoborate, (cupric), liq. conc.,	2.30	2.62	drochloride) Detergent alkylate, straight chain do-		
Cholecalcilerol, dry, 40,000,000 units per gram, kilo lots	24.00	-	dms., t.l., works, frt.	.82	_	decylbenzene, tanks, barges, f.o.b	.45	_
Choline bitartrate, cryst., 98% min., 50 kifo dms , f.o.b. Springfield,	6.00		Copper gluconate, FCC grade, 25-lb. dm., frt. equald lb.	6.50	-	Dextrin, corn, canary dark, paper bgs., c.l., works 100 lbs.	28.04	-
Mo.,kilo. Choline chloride, feed grade, 70% aqueous, t.c., 11, divd. E of	6 90	-	Copper metal electrolytic wire bars, divd., domestic, basisib.	.627	<b>5</b> -	white, paper bgs., c.l., works100 lbs.	27.43	_
Rockies	.28 .39	-	Copper naphthenate, IIq., 8% Cu., dras., frt. afd	1.19	-	Dextrose, anhyd., comi., bgs., c.l., dvd. New York, 100 lbs.	41.10	-
Choline chloride, 60% dry supplement, bulk hopper cars ib.	.39	_	Copper nitrate (cupric), purif., flake, dms., t.l., worksb. Copper cleate, solid, 6% Cu. dms.	. 43	14 -	USP special, 100-lb. bgs., c.l., divd. New York 100 lbs.	46.50	-
bgs., 50,000 lbs. min	.40	-	works irt sild	<del>9</del> 7	-	Dextrose, hydrated comi, bgs., c.i., divd. New York 100 lbs. Western zone 100 lbs.	24.25 25.60	-
kilo, lota, f.o.b. Springfield, Mokilo. Choline driydrogen citrate, 98% min.,	5.00	-	80,000-lb. lots, workslb red (cuprous), dma., 97%, USN Type	3	-	Diacetone alcohol, acetone free, tanks, divd	.52	_
50 kdo lots, f.o.b. Springfield, Mokflo.	6.00	. <u>.</u>	1, (AA), 80,000-lb. lots workslb	. 1.19		Diacetyi, flavor grade, dms ib. Diammonium phosphate, fert. grade	9.25	15.00
Chrome green, CP extra light, bgs., dwd.E. of Rockleslb.	1.68	<b>-</b> .	red, 90%, Type 2, same basis ib Copper-8-quinolinolate, 10%, liq emutsion, t.l., divd	ŀ		min. 18% N, 46% P, bulk, c.l. f.o.b. Fla. works tor		145.00
ight, bgs., same basis lb. medium, bgs., same basis lb.	1.70 1.72	Ξ	Copper sullate, cryst., pentahydrate 99% bgs., c.l., f.o.b	<b>)</b> ,	•	Diammonium phosphata, feed grade 18% N, 20% P, bulk. c.i., f.o.b		
extra deep, CP., same basislb. Citrome orange, CP, bgs., divd. E. of Rockles	1.74 .83	.89	works	s. 46.45 I.,		Fia, workstor	1 250.00	
Chrome yellow CP bols., divd. E. of Rockles	1.09	1.18	works 100 to monohydrated, 35% Cu, dms., c.	9. 60.00 I.,	_	Diammonium phosphate, toch., bgs.		
Chromic acid, 9914%, flake dms., c.l., int. equaldlb.	1.18	-	works 100 lb basic, bgs., c.l., works 100 lb Carisnder oil, USP, dms	B. 88.30	J	equaid		
grd., same basis	1.25 .10	-	Corlander seed Moroccan	b. ,31	B -	2,4-Di-tert-amylphenoi, min. 95.5% dms., c.l., t.l., workslb	•	
Chromium fluoride, dms., t.i., works	.81	_	Com oil (See Oils, Fats & Waxes mer Com oil, crude, foots (seapstock), 95	ket report) %		tanks, works	97	
Chromium nitrate, dms., tl., (.o.b., . lb. 10% metal soin., 500-lb. dms. same	1.45	-	sold; New York	Ko5		o-Dianisidine dihydrochloride, 100%	). 6.20 S.	-
base		.86 _	tanks	b.		MW 244, dms., t.l., divd it 2,6-Di-tert-Butyl-p-Cresol (see Butyla	ted hydrox	; :yloluene)
pure, bgs., c.i	1.90	2.00 2.45	Cortisone acetate, USP, dms., 5 ki	ios m s	<u>-</u> ۱	Dibutyl fumerate, tanks, f.o.b worksii	)70	
Cinnamic alcohol, 25-lb. cnslb.	. 4.60 . 1.05	1.10	Cottonseed meal (See Oils, Fats & V Cottonseed oil (See Oils, Fats & Wa	Vaxes mari	kel report.)	Dibutyl maleate tanks, f.o.b. works, ii Dibutyl phthalate, tanks, works, ii	). , <u>5</u> (	.54
Cinnamon bark oil, botsib Cinnamon leaf oil, dmsib	. 2.80	95.00 6.65	Cottonseed oil, acidulated (so stock), acid, 95%, tan	ap ks.		Dibutyi sebacate tanks, works !! Dibutyismine, dms., c.i., divd ! tanks, same basis !	b. 1.1	2 -
Citral, rat., dms	. <b>3,18</b>		N.Y Cottonseed oil acids, dist., dms	. No	13 – 63 –	Dicapryi phthalate tanks, frt. slid. E. J 2-5-Dichioroaniline, flake, dms	b. ,3i	
!b. dms., t.l.,	. 1,19 ).		tanks Goumarin, NF X; cryst., over 600 lots	Hb.	55 - 00 6.20	works.	b. 2.0	
dms., t.l., del	)845 r		Cream of tartar (see Potassium bite Creosote, coaltar, grade 1, tar	irtrate)	00 0.20	3,4-Dichloroanline, tech. 88%, soil dms., c.l., l.l., t.o.b. works . !	d, b. 1.4	
Citronella oil, Ceylon, dms	a 4.50		f.o.b. works	gel. 1. gel. 1.	.15 1.18 .134 1.17	o-Dichlorobenzens, tech., 80%, dm c.t., t.t., divd	b5	
Citronellai, 25-lb Cans	). 3.66 ). 3.66	7.40	p-Cresidine, fused, dms., works m-Cresol, 95-98%, dms., t.i., f.o.b.	lb. 1	.31 <u>-</u> .71 -	tanks, same basis, 98% refd., dms., c.l., same be- sis, .	lb5	4 -
Citronetyl acotate, dms	), 9.50 ), 6.85	; -	m.p-Cresol, 9876, 0718., (J., 1.0.0, . hult. same basis	lb.	.65 - .94 - .82 -	p-Dichlorobenzene, graded, 300-	lb.	
Civet, and, botski	o 500.00		o-Cresol, 99% pure, dms., Ll., f.o. bulk, same basis	b. 1b. lb.	.82 ~ .87 - .75 -	dme., t.L., i.o.b., irt. equald. lanks, liq., same basis 2,6-Dichioro-4-nitroanilins, dm	lh 2	i1 5 13 .4
Clay ball, dom. air floated, bgs., c.l Terinto dom., crushed, moisture-repe	n 49.00	) <u>;-</u>	buk, same basis	. ib.	.07 - .75 -	10,000 lbs. or more, works. Dichlorophenoxyscette acid (see 2.4	lb, 3.3	30 –
fent, bufk, c.l., Tenn (o Clay China (see Kaolin)	n 24.00	3 -	p-Cresol, 96%, dms., 1.1, f.o.b. bulk, same basis Cresylic acid, coalter, dom., meta	. Ih.	.96 1.15	Dicyclohexytemine, dms., c.f., f.o.b.	16	36 <b>-</b>
Cleaners, naphthe, 140° ilash tanks New Jersey or New York	·	n -	content above 25%, real content above 25%, real	n and `		I DIDYGOVIONYI MIGRIMANDE, DOB., C.I.,	ш.	25 -
divdga Clove leaf oil indonesian, reg. dma. ki Madagascar, reg	0 2.8	5 .8.25	tanks, irt. eld	lb. rutent	.58	Dicyclopentadiena: high-murio	lb. 13	25
Clove Brezil	6 24.00 b 2.20	0 -	25% or less, tanks, irt. e	4.6	<b>58</b>	98% tanks, works. Diethanotemine, tanks; jrt. eticl.: Diethanotemine launyl sulfate, tan	ib.	35 44
Zanzibar Madagascar	b. 4.20 b. 2.20	} -	Cryolite syri, bulk, o.l., works	101 51	0.00 550:00	DOVP (see Directly) diction of his	ib. 1080hulai	1
	-		والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة والمرافعة	10.7	1937	ことには、これにもかいという。 あるり イベンス 間見できる 間間		

ΙD	lethyl barbituric acid (see Barbitan, liethyl carbonate, tankwagons, I.o.b works	1.40	
ľ	I.o.b works	1.18	
	tanks, divd	1.10 er.	-
[	works ib. Diethyl phthalato, tanks, f.o.bjb.	1.80 .82	- .65
١.	odorless cosmetic grades, t.l., worksb.	.97%	-
	Jothyl sullate, lanks., frt. alld. E lb. Diethyl thlouroa, dms., c.i., t.i., works lb.	.59 2.48	-
100	Di-2-ethylhexyl adipato (see Dioctyl adipat Diothyl Toluamido, 95-97% mln. meta	8).	•
┨.	isomer dms., t.l., f.o.b. works,lb. N,N-Diethyl-m-toluldine, tach., liq.,	2.75	_ 1
ľ	dms , c.l., f.o b lb. tanks, same basis, lb.	3.1B 3.10	-
1	Diethylamine, dms , c.l., dlvdib. tanks, same basisib.	1.15	:
	N.N-Diethylantino, dms., c I , t l., f.o.b. works	1.83 1.75	-
	Diethylbenzene, tanks, f.o b. works ib. Di-2-ethylhoxyl nzelate (see Dioctyl szelal	.98	:
1	Di-2-othylhoxyl phtholate (see Dioctyl pht Diothylene glycol, tanks, dlyd EIb.		.31%
l	Diethytene glycol monobutyl ether, dms. cl. frt. alld E lb tanks, frt. alld. E lb.	.65 .57	-
ł	Diethylene glycol monoethyl elher, dms. c.i., frt. elid. E ib.	.64	-
Ì	tanks frt. alld. E	.56	•
	dms., c.l., frt. alld lb. tanks, frt. alld lb. Diethylene glycol monobutyl ether ac-	62 54	-
,	etate, dms. cl., dlvd. E lb. tanks, dlvd. E lb.	.80 .72	-
<b>`</b> {	Diethylane glycol monoethyl ether ac- etate, dms., c.l., trt. alid E. lb.	.80 .72	
	tanks, int. aild	1.60	161
	Diethylenotrigmine pentuacetic acid, pentasodium salt solution.	<u>-</u>	
}	tank- cars/tanktrucks, fit- equalized	.45 2.60	300
١	Diglycol laurate, dms., ton lots   lb. Diglycol stearate, dms., t.l.   lb.	.32½ .62	.73
1	Dihydrazine sullato, dms., workstu. Dihydrostreptomycin sullate, bulk kilo.	1.10 48.00	125
I.	Dinydroxyacotone, 50-kilo lots, workskilo. Di-Isobutyl kolone, tanks, dvdlb.	40.00 .60	<u>-</u>
8, C.	Di-isobutyi phinalato lanks, diva. E. io. Di-isobutyiene, tanks, 1.o.b. Hous-	.55	.57
<b>/</b> -	Di-isodecyl phthalato, tanks, divdlb.	.37 .39% .41	, -
	Di-Isononyi phihalato, tanka, divd lb. Di-Iso-octyl azelate, tanka, divd. E . lb Di-Iso-octyl phihalato, tanka, divd lb.	.90 .41	:
	Di isopropanolamine, dms. c.i., m.	667	
	tanks, same basis	.587 1.17 1.07	•
	tanks, some basis	1.89	8.25
	Dimothyl anthranilato, dms	15.80	-
	Dimothyl bonzyl carbinyl acotato, 25- ib dma b Dimothyl carbonate, dms, t.i., f.o.b.	4.00	-
	Works.		1.90
	Dignothyl otherolamino, sohyd , dms.		1.18
	c.i. divd. E		
	Dinothyl phthointe, tanks, f.o.l		
	works		45
	Dimotryl Euleto, rot. ome., c.i., i.d.		R
	Directive culting tanks, works	10	3 120
	Dimethyl sulfoxide, tanks, works . R Dimethylacetamide, bulk f.o.b		71/2 · ** 31/2
	Dinethylamine, 25% soln., tanks, fr equald., 100% basis		31/2
	anhyd., tanks, (rt. equak).	b. 5 b. 10	41/2
i	L.I. COMB.	Ī., "	_
	f.o.b., works.	b. 4	9
i	2,4-Dintroanine, tons-tots, t.O.P. bg Dintroanline, orange toner, CP, bg	5., 5.2 D. 5.2	0 -
,	2,4-Dinitrochlorobenzene, crystaliza	ø	8 -
	N.C PEUIS dms. 1.0	Ď.	) <b>5</b>
7	Dinitrotoluene, mix., tech. 1.0	b. b.	30
	2,4-Dinitrotoluene, dms., c.l., l.	l. lb. 14	25 20 gr
	tanks, works.  Dioctyl adipste, tanks, fri. alid. E.  Dioctyl azelate, tanks, divd. E.  Dioctyl phihelate, tanks, divd.	ib.	30 30
2			60 29 140
7	WUING	lo.	13
	I.I., SSITIEI DOISIG	vd.	***   [ ********************************
:.	Lenks Lo	.D.	25 <b>1</b>
	a Hele Limentine derived, tenke.	<b>(</b> )	read of the state of the state of the
, I	Dip oil (see Tar acid oil). Dipherhydramine hydrochioride U dom: 1,000-kilo lots, dri	19-1-20	od Mar
7	dom. 1,000 kilo lots of divided the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	ib.	74

1	Diphenyl oxide, tech. grade, tanks . ib. Diphenylamine, reld., flake, bgs., t.l.,	1.11	1.20	Epinephino base, syn., USP, bots , 100 gramlots gram	.60		Ferric chloride, sewage grade, 100 per-		_
}	works, Int. equals	1 25 1.00	=	Solid, bas., til	1.31 1.281⁄a	1.41 1.33½	Cent basis, I.o.b. works, tank workston	176.00	25\$.
	octytaled, flake, ogs., 1.1, 1.0.b.	7.68	-	Epsom salt (see Magnosium sulfate). Erythorbic acid, powd, gran, 100 lb.			Ferric ritrate, cryst., dms., t.l., f.o.b. lb. Ferric oxalate, tech., gran., 50-lb. dm., f.o.b. workslb.	.64	-
ļ	Ophenylguanidine, bgs., t.t., frt. alld ib ib.	2 52		cims., t.l. or mixed t.l. f.o.b. worksb. Ester gum, gum-rosin typo, dres , c.l.	4.10	4.25	Ferric oxides (see iron Oxides). Ferric phosphate, FCCg insoluble pow-	1.65	•
	Diphenylhydantoin-sodium USP	5.00	5 60	tilvd., III., Md., Ky., E. States, Minneapoles, N.C., Ohio, St.			der, dms, 10,000 lbs lb. Ferric pyrophosphale, soluble, puril.,	1.10	١.
	polymenc, bulk, c.r., inc. it.	.91	-	Louis, St. Paul, Va., W. Va. lb. Estergum, wood-rosin type, dms. c.l.	.75	-	pearls, 50-lb. dm	1.11	
-	Dipropylene glycol, tanks, frt, alid Ib Opropylene glycol monomethyl ether,	.45	-	Ethyl acolato, syn , 85-88%, tanks.	.43	.46	Ferric sulfate, partly hydrated, 1004b	.45	
1	dms., c.l., divd	54 46	-	divd	.41 .41Va	.41½ .42½	bulk. works	141.00 117.00	
1	Dro-totylguanidine, powd., dims., t.f., fr alldb.	2 92	-	Ethylacetoacolate dns., c l , divd., R tanks, divd. to Ethylacrylate, tanks, fit alid b.	1.13 1.05	-	Green gran, 100 th does		
	Dro tolyllhiourea, tech., solld, drns., Ll., lrL alld	3 11	-	Ethyl alcohol, syn , 190 pf., USP lax free tanks, divd E gal.	.66 1.55	-	2,000 lb. min., f.o.b. shipping pt	2.00	2
1	Ouridecyl phthalate, tanks, divd lb Ouridecyl phthalate, tanks, divd lb	.59	63 -	Ethyl alcohol, absolute, 200 pt , tax t than 190 pt , tax free.	roe prices )	2c. higher	2c. per pound surcharge for shipments Ferric-ammonium oxalate, fine gran.,	W. of Den	1VBF
[	Drunylbenzene, 100% basis, tranks works	2 75 3 00	2.60 2.70	Filipt alcohol, furmentation, tanks, for bloom works	1.06	1.28	250-lb. dms., 1.l., 1.o b. works. E	.42	!
1	dms, 100% basis	761		Ethyl alcohol, denat (see Denatured alco	te tax inceni	res.	Ferric hydroxyethylene diaminetri- acatic acid, industrial grade, sodium sait, soin., 4.5% Fe,		
-	cl., tl., divd	.88. e),		Ethyl p aninobenzoato. NF (see Benzoc Ethyl benzoalo, dms	aine). 1.35	1.50	t.c., t. t., f.o.b. works lb. agricultural grade, sodium salt solu-	.55	i
1	Dodecylohanol, tanks, min. frt. alld.	.48	.53	Ethyl bromide, tech, 98%, dms., cli, frt. alld. E	.76		tion, 5% Fe, t.c., t. t., f.o.b.	.64	ı
1	Dyes, coaliar, certified colors for food, drugs and cosmetics, 100 lb			Elliyi collulose, standard vis., 7 cps bgs.,!irt equald, Eib,	1.35 4.55	1.50	Ferrous fluoborate liq. conc., dms., t.l., works, frt. equald jb.	.64	
	and over, frt, prepaid or alld Bue, FD&C. No. 1	21.20	22 60	Standard vis , 10, 20, 45, 100 cps ,	4.17	4 22	Ferrous gluconate, NF, t.l., works E.lb. Ferrous naphthenate, liq., 6%, Fe.	2.25	
1	No 2	29 15 49 50	29 22 65 00	mediumvis .50,70,100 cps.,t.l.,frt equald E	4.25	-	dms , divd b. Ferrous sulfate, moist, bulk, t.i. f o.b.		1
!	Red FD&C, No. 3	24 00 7 45	24 50 7 85	USP vis. 7 cps bgs., t1, frt equald, E	4.88	_	workston heptahydrate, gran., bulk, 1.1, f.o b.		
	No 6	6 45	6 75	USP 10.20,45.100 bgs , t.l., frt. equald. E	4.59	4 69	works ton monohydrate.gran.bulk.,t.l.,f.o.b.		
u	divid Green, D&C, No. 5	38 50		VSP (modium) 50,70,100 bgs., tf., Frt equald E ib. Ethylchloride tech cyls., frt alld ib.	4 51	201.	works ton USP, powd., 400-lb. dms lb.	. 48	9
7	No. 6	42 80 18 85	-	tooks, for all to b	26 24 41 00	2812 2612	Cryst., 250-to dms	10.20	0
	No 19 Its	38 90 38 25	-	Citiyl efformal anones, mixed, dries (1) divel E   Ib	1.23	_	Siberia, dms	29	9
,	No 22 Ib No 28	12 45 59 95	-	tanks divid E III Ethylether relined, tanks, Lo b IIII	1.15 46	-	light, cold-pressed, dins., c.l ib	34	4
i	No.33 Ib. Yellow, D&C. No. 7 Ib.	48 95 21 00	-	Ethylheranaate, dos b 2-Ethylheraic acid dris   c.t., 11, divd	4.25	4 75	Fishmeal, dom., menhaden, 60% protein grd , bulk, 1.o.b. At		•
!	No 8	20.55 48 80	48 85	E Ib Backs divid C Ib Secretary a second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second con	63 57	-	lantic port tol	n 295 0	
ł	No 11	35 25	•	2-Ethylhecyl acrylate, strought or mood tanks, litt alld E 10 2-Ethylhecyl alcohol, tanks, dwd 16	79 5 36	-	imp , Chiloan, 65% protein inin bulk, cl., tl. ex whse , l o b		
!	and paper dyeling (by Color In- dex Name). I.o b. works A Bik I Bue black ex. conc II)	E 7¢		Ethylochelo, chys. works. Re Ethylbrighod syre Sceptishus Re	6 25 10 60	-	Atlantic and Gulf ports tor Fluobore acid, dros, 11 works fr	1	
i	Djes A Bi 9 Biue 2G ID A Bi 45 Aizanne Biu SAP 150% . II.	5.75 5.46 19.85	:	Ethyl linallyl acetate, syn , 55-gal	10.85	_	equald . II Fluorocarbon, No. 11 bulk, tank	S,	70 
ì	ABI 113 New 5R.	14.13	-	Ethyl mothacrylato, tanks, frt.	1.06	-	No. 12, bulk, same basis	b6	57 68
	A0r711	22 12 3 72	-	n-lithyl morpholmo, dms., t.l., frt.	2.00-		No. 22, bulk, same basis li No. 113, bulk, same basis li No. 114, bulk, same basis li	)8	8 <del>.9</del>
-	AOTIOWOOLOTO	4.00 4.30	-	trinks, samo basis	1.92 1.04	-	Fluosilicic ecid (see Hydrofluosilicic eci Formaldehyde, 37% methanol free (un	id).	
	AR2G ARMHEIDIZEG OF GNA ID.	6.15 5.13	:	Ethyl explate (see Diethyl explate). Ethyl parathion (see Parethion, othyl).			inhibited) divd., gulf fb 44-45% (1% methanol) tanks	0	88
	AR 18 Scarlet 48 Conc	8.85 5.45	-	Ethyl silicate dist (see Totracthyl orthosi Ethyl silicate, 40% available SiQ.,			divd	10	015
1	AR 88 Fast Red A. Conc. III. AR 151 Sik Red 3B Conc. III. AV 17 58NS Conc. III. AV 44 ARMS Conc. III.	0.85 4.50	-	tinks, f.t., fo.b. workslb.	1.45 1.39	1 46 -	divdb 37% (inhibited 11-15% methanol	O: )	945
- {	AY 17 Fast ( John Voll 20	9 75 12 22 5 60	-	N-lithyl-m-tolaidino, toch, lat., dms., c.l., f.m.b.	3.18 3.10	-	tanks, divd	39	
	BBI9 Zing Free	5.60 6.18 16.40	=	tonks, samo basis	2.85	2.90	dms., same basis		4 6½
	B&1. lade Contable	4.42 9.55		z5 lb, dms., 500 lbs or more lb.	13,50 13.75	-	95% dms., c.l., works, lb Fructose, cryst., 18,000 kilos or more	51	11/2
- [	By I Methal Violet Corystel. Ib.	6.90	-	( 100 lb, rims., less than 500 lbs lb. Ethykunino (see Mono-Di- and Tri-)	14.00	14.50	dmsib Fumaric acid, food grade, bgs. t.l., fri	90	٥
	081 Sky Blue 50 0 150% (D.	10 95 10.10	-	N-Ethylantino, dms., c.l., t.l., f.o.b.	1.60	-	oquald Eb toch, grade, bgs., t.f., f.o.b. frt	79	51/2
- }	OBJ8Aumno C.C	4.62 9.25	:	tanka, samo basis	1.58	- .23	equald		
ŀ	Fast Block CD 4 TO	9.45 2.85	:	Fox. Ib. Ethylene, contract, divd. Ib. Ethylene brassylale, dms. Ib.	.22 .18 16.00	.189a 18.25	lowa, and Belle Glade, Fla. to Furfuryi alcohol, lanks, I,o.b. Memphis	·	
- [	D & 230 Resin Fast Brown BRIND	4.28 7.23	•	Elhylenddiamino, 99%, tanks, r.o.b.	1.30	1.305	Tenn, and Omaha, Neb lb.	.,,	
1	200%. Ib. Obr 28 Resin Fast Green GL. Ib. DR 24 B Ex. Conc. Ib. DR 31 Britant-Red 12B Conc.	9.15	=	Ethylenediamine dihydriodide ib. Ethylenediamine teirsacetto acid. te-	7.56	9.25		•	,
	DR 31 Britant-Red 12B Conc. ID. DR 80 Fast Red 8BLN ID. DR 81 Paper Red 8BLP ID. DR 81 Fast Scarlet AV ID. DC 102 Fast Orange WSP 150 ID.	6.16 6.15	-	trasodium salt, soin., t.c., t. t., frt. squaidb.	.361⁄2	· <b>-</b>			
1	DR 251 Fast Scarlet AV BD. DO: 192 Fast Orange WSP Ltq. Ib. WS. Cone. 150%	6.86 6.25	-	Ethylene dibromide dms., c.l., irt., equaldb.	.38 .32	.46 .42			
Ī	D Y 4 Brilliant D	2.47 11.25	Ξ	tanks, fri. equald	17	.1714	G selt, dms., irt. elid, 100% besis fb.	2.30 23.05	
ŀ	Political Distriction of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control	4.69	_	Ethylene glycol, Indust., Ianks, Ift.	.31		Galio acid, 400-kilo lota kilo Gario cil, dma., Egyptian kilo Getatin, edible, 100 AOAG leat, dma.,	85.00	
ľ		1.76 3.03.	-	Ethylene glycol, monobutyl ether,	411/2		It.I., divd	1.50 1.75	
1	DY27 Part Cont.	A 75		Ethylene glycol monoethyl ether, tanks, dvd. E	.51	, <del>1</del>	150 AOAC lest, dms., l.t., ib.	1.85	. 1
Ţ	Disposariel BA	14.40	-	Ethylene glycol monomethyl eiher tanks, dvd. E	.34		200 AOAO test, dms., Lt.l	2.05 2.10	2000
- 1	Dis Y 3 Yellow 3G Ib. Dis Y 3 Yellow 3G Ib. Dis Y 3 Yellow 3G Ib. Dis Or 3 Yellow 3G Ib. Dis Or 3 Yellow 3G Ib.	21.00 3.66	-	Blate, terks, IT. siki. 2	.84%		250 AOAC test, dms., I.U., ID.	2,20 2,30 2,50	2
1	Da Or 3 Orange GRA bb. Dis Or 37 Orange OB bb. Dis Or 37 Orange OB bb. Dis V 14 RN Paste bb.	6.84 4.91	=	States of monomethyl ether 60	,65W		300 AOAC test, dms., i.i.l b. Gentlen violet (see Methyl roseanline ch	2.60 locide). 5.25	2
	Dis V 28 Bordeaux RV 2000 Ib.	3.77 7.85	= '	etate ovide tanks in and F	.43 .95	45	Gereniol, syn., 90-92%, dms	3.50 5.76	
	CONTINUE GFDA 2000	17.25 10.05 22.80	: =	Ethylene inchionog (sea i richiotokryko-			Geranium of Moroccan	24,00	27 38 85
	60% Paste	4.10 5.50		Eucalyptus of, Portuguese NF, recti- fled, 70-75%, dris	5.50 6.26		Chinese	87.00 55.00	85.
4	b.	5.86		Eugenol, USP, dms			Turkish (see Pamarosa oli).  Geranyi scetate, dms	5.44	6,
		. :					nat, dms. ib.	10.95 6.60 15.95	
				115			Oleonite, g.p., bulk, g.l., f.o.b, Bo- nanza, Utah	180.00	
* : <b>,</b>						er olande <u>i viti i</u> sa	selects, same bads (on the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o	180,00 85	,
	Shorin, lech., 95-99%, dine., t.L	. 7.00	-	Taranta Trope (1900 one)	9.00	18 July 18	Chinese seced	75.00	
	Shedrine hydrochlosta. Oz.	1 26	1. 2 <u> </u>	Pennel seed, Egypt	TOTAL CONTRACTOR	82 32	Alexandraphy NF hole.	68.00 30.00	83.
	. Maidilli HBD	38.25	40.25	Indian Fenugraek eded, Indian, bgs. 15, Ferrio chtoride anhyd., tech., 350 b.	26 36.00		: Clayber's set (see Socium sumars). : Chuspeia Hold tech: 50% dins.; C.L., L.L.	.50	
	Schoolinging tanks kilos kilos	43.00	45.25	Ferric chloride annu. 100 bs.  Perric chloride, 42 bs. photo grade dms. 01. works. 100 bs.	9.10	資料	tariks, same belie	44	
		.86		dma.;o.r.;worke	A. 36	3 1.3	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		
		4.	باد ب						

1.41	cent basis, f.o.b. works, tank			L
1.331/2	Ferric nitrate, cryst., dms., t I fob ib	176.00 25 .64	5.00	П
	i Ferne exalate, tech., gran., 50-ih, dm		-	11
4.25	f.o.b. worksib. Ferric oxides (see iron Oxides).	1.65	- 1	T.
7.20	Ferric phosphate, FCCg insoluble pow- der, drns, 10,000 lbslb.			И
	rerric pyrophosphale, solubla, pudf.	1.10	1.15	Н
-	pearls, 50-lb. dmlb. Ferric resinate, precip., 6.75% Fe.	1.11	-	Н
.46	i ams., ton lois frt. alid in	.45	- 1	1.
.411/2	Ferric sulfate, partly hydrated, 100-lb. bgs., c.l., worketon	141.00	_ 1	Į۷
.421/2	bulk, works ton Ferno ammonium citrie, NF, brown,	117.00	- 1	Glu
-	green gran. 100 lb. dms. 2,000 lb. mln., i.o.b. shipping			
-	2,000 lb. mln., f.o.b. shipping bt	2.00	205	1
12c. higher	2c. per pound surcharge for shipments V	V. of Denver	2.95	1
The Ting Inc	Ferric-ammonium oxalate, fine gran., 250-ib. dms., t.l., t.o b. works.			·
1.28	E	.42	-	Gk
ılıves.	acetic acid, industrial grade.			10
	sodium sait, soin., 4.5% Fe, t.c., t. t., f.o.b. works ib.	.55	_ 1	Ţ,
1.50	agricultural grade, sodium sait solu-		1	
1.50	tion, 5% Fe, t.c., f, t., f,o.b. workslb.	.64	-	
1.55	Ferrous fluoborate liq. conc., dms., t.l., works, frt. equald	.64	_	
-	Ferrous gluconate, NF, t.i., works E.ib.	2.25	- [	3
4 22	Ferrous naphthenate, liq., 6%, Fe.	1.17	_ 1	
-	Ferrous sulfate, moist, bulk, t.i. i o.b. works ton	30 00		
-	heptahydrate, gran., bulk, t.i., f.o b.		-	G
4 69	works ton monohydrate. gran., bulk., t.i., f.o.b.	145.00	50.00	
	works ton		80.00	G
2812	USP, powd., 400-lb. dms lb. cryst., 250-lb dms lb.	.49 .61	-	1
2612	Fir oil, Canada dms	10.20 8.75	- .75	
	Fish oil, refd., alkalı, tanks, ci ib.	.29	-	۾ ا
_	kattle-bodied, tanks	.32 .34	36 -	٩
- 4 75	tanks	26	-	1 9
	Fishmeal, dom., menhaden, 60% protein grd , bulk, t.o.b. At-			١٩
-	lantic port ton	295 00	-	1
_	f a.b Gulf port ton mp . Chilean, 65% protein inin .	290 00	-	
-	bulk, cl. till ex whso, i o b Allautic and Gulf ports i torr	285 00	_	1
-	Fluotions acid, diss, 11 works fri		_	Į
_	equald . Ib Fluorocarbon, No. 11 bulk, tanks	70	-	١
	delvd	. <b>.57</b>	.64 .74	1
-	No. 22, bulk, same basis lb.	1.05	1.14	1
_	No. 113, bulk, same basis lb. No. 114, bulk, same basis lb.	89 1.02	.931/2 1.08	1
	Fluosilicic ecid (see Hydrofluosilicic ecid Formaldehyde, 37% methanol free (un-			1
-	inhibited) divd., gulf fb.	.088	.0905	1
	44-45% (1% methanoi) tanks, divdb.	.1015	.1065	1
1 46	37% (inhibited 7% methanol,	.0945	.1025	10
-	divdib. 37% (inhibited 11-15% methanol)			6
	tanks, dlvd lb.	.1056	.1060	]`
-	Formamide tanks Lo.b	.39		
- 2.90	Formamide, tanks, f.o.b	.39 .44	-	L
_ 2.90	Formamide, tanks, 1.o.b. bb. dms., same basis bb. Formic acid 90% tanks, 1.o.b. works. bb.	.44 .36½	-	
=	Formamide, tanks, I.o.b. b. dms, same basis b. Formic acid 90% tanks, I.o.b. works b. 96% dms, c.l., works b.	.44	- -	G
2.90 - - 14.50	Formamide, tanks, f.o.b. b. dms, same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms, cl., works. b. Fructose, cryst., 18,000 kilos or more, dms. b.	.44 .36½	- - 1.03	G
=	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., c.l., works. b. Fructose, cryst., 18,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. t.l., fib.	.44 .36½ .51½	- - 1.03	G
=	Formamide, tanks, f.o.b. b. dms, same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works, b. Fructose, cryst., 18,000 kilos or more, dms. b. Fumaric acid, food grade, bgs. t.l., frt. oqueld. E. b. toch. grade, bgs. t.l., frt.	.44 .36½ .51½ .90	.77%	G
- 14.50 - -	Formamide, tanks, f.o.b. b. dms, same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms, c.l., works. b. Fruciose, cryst. 16,000 kilos or more, dms. b. Fumeric acid, food grade, bgs. t.l., frt. oqueld E. bb. toch, grade, bgs. t.l., f.o.b. frt. equeld. bb. Furfural, tanks, f.o.b. Cadar Rapids,	.44 .38½ .51½ .90 .75½		6
14.50 - - - - 23	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works b. 95% dms, c.l., works b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fumeric acid, food grade, bgs. t.l., fri. toch. grade, bgs., t.l., f.o.b. frt. equald. bgs., t.l., f.o.b. frt. equald. bgs., t.l., f.o.b. frt. equald. bgs., t.l., f.o.b. frt. http://dx.d. tanks, f.o.b. Cedar Repkis, howa, and Belle Glade, Fla. ib.	.44 .38½ .51½ .90 .75½	.77%	6
.23 .18½ 18.25	Formamide, tanks, f.o.b. b. dms, same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms, c.l., works. b. Fruciose, cryst. 16,000 kilos or more, dms. b. Fumeric acid, food grade, bgs. t.l., frt. oqueld E. bb. toch, grade, bgs. t.l., f.o.b. frt. equeld. bb. Furfural, tanks, f.o.b. Cadar Rapids,	.44 .38½ .51½ .90 .75½	.77%	8
14.50 - - - - 23	Formamide, tanks, f.o.b. b. dms, same basis b. formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works, b. Fructose, cryst., 18,000 kilos or more, dms. b. Fumaric acid, food grade, bgs. t.l., frt. oqueld. E. b. toch, grade, bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. Furfurgi tanks, f.o.b. Cadar Rapids, lowa, and Belse Glade, Fis. ib. Furfurgisloohol, tanks, f.o.b. Memphis,	.44 .38½ .51½ .90 .75½	.77%	3
14.50 - - 23 .18½ 18.25 1.305	Formamide, tanks, f.o.b. b. dms, same basis b. formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works, b. Fructose, cryst., 18,000 kilos or more, dms. b. Fumaric acid, food grade, bgs. t.l., frt. oqueld. E. b. toch, grade, bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. Furfurgi tanks, f.o.b. Cadar Rapids, lowa, and Belse Glade, Fis. ib. Furfurgisloohol, tanks, f.o.b. Memphis,	.44 .38½ .51½ .90 .75½	.77%	G Hat He
14.50 - - 23 .18½ 18.25 1.305	Formamide, tanks, f.o.b. b. dms, same basis b. formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works, b. Fructose, cryst., 18,000 kilos or more, dms. b. Fumaric acid, food grade, bgs. t.l., frt. oqueld. E. b. toch, grade, bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. Furfurgi tanks, f.o.b. Cadar Rapids, lowa, and Belse Glade, Fis. ib. Furfurgisloohol, tanks, f.o.b. Memphis,	.44 .38½ .51½ .90 .75½	.77%	He
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms, same basis b. formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works, b. Fructose, cryst., 18,000 kilos or more, dms. b. Fumaric acid, food grade, bgs. t.l., frt. oqueld. E. b. toch, grade, bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. equald. bgs., t.f., f.o.b. frt. Furfurgi tanks, f.o.b. Cadar Rapids, lowa, and Belse Glade, Fis. ib. Furfurgisloohol, tanks, f.o.b. Memphis,	.44 .38½ .51½ .90 .75½	.77%	He
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., c.l., works. b. Fructose, cryst., 16,000 kilos or more, dms b. Fumeric acid, food grade, bgs. t.l., fri. quald. b. loch. grade, bgs., t.f., f.o.b. frt. equald. b. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fla. tb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Omaha, Neb. b.	.44 .38½ .51½ .90 .75½ .75	.77%	He
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., c.l., works. b. Fructose, cryst., 16,000 kilos or more, dms b. Fumeric acid, food grade, bgs. t.l., fri. quald. b. loch. grade, bgs., t.f., f.o.b. frt. equald. b. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fla. tb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Omaha, Neb. b.	.44 .38½ .51½ .90 .75½ .75	.77%	He He He
.23 .18½ 18.25 1.305 9.25	Formemide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. 95% dms., c.l., works b. Fructose, cryst., 18,000 kilos or more, dms. b. Fumeric acid, food grade, bgs. t.l., fri. oqueld. b. b. toch. grade, bgs., t.l., f.o.b. frt. equeld. b. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fla. fb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Omaha, Neb. b.  Galito acid, 40% foods basis. b. Galito acid, 40% lots kilo	.44 .38½ .51½ .90 .75½ .75 .72	.77%	He He
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. bodms, same basis bodms, same basis bomic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works. b. 95% dms, c.i., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. t.i., fib. loch, grade, bgs., t.i., f.o.b. frt. equald. b. b. Furfural, tanks, f.o.b. Cadar Rapids, towa, and Belle Glade, Fis. ib. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b.  G sait, dms., frt. aid, 100% basis. b. Galito acid, 400-kilo lots. kilo Garito cil, dms., Egyptian. kilo Garito cil, dms., Egyptian. kilo Gelatin, edible, 100 ACAC lest, dms.	.44 .38½ .51½ .90 .75½ .75 .72	.77\s .82\s	H: H: H: H: H: H: H: H: H: H: H: H: H: H
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., cl., works. b. 95% dms., cl., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. tl., fri. toch. grade, bgs., tl., f.o.b. frt. equald. b. Furfural, tanke, f.o.b. Cedar Rapids, lowa, and Belle Glade, Fis. b. Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenn. and Ornaha, Neb. b.  Gaillo acid, 400-kilo lots. kilo Garifio cii, dms., Egyptian. kilo Geratin, edible, 100 ACAC lest, dms., l.tl., dwd. b. 125 ACAC lest, dms., lt.t. b.	.44 .38½ .51½ .90 .75½ .75 .72 .72	771/2 .821/2 	He He
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. bodms, same basis bodms, same basis bomic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works. b. 95% dms, c.i., works. b. 95% dms, c.i., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruciose, cryst., 16,000 kilos or more, dms. b. Fruciose, cryst., 16,000 kilos or more, dms. b. Fruciose, cryst., 16,000 kilos or more, dms. b. Furfural, tanks, f.o.b. Cadar Rapids, tooks, and Basis Glade, Fis. ib. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b. 150 AOAC lest, dms., Lt., dvd. b. 125 AOAC lest, dms., Lt., bb. 150 AOAC lest, dms., Lt., bb. 150 AOAC lest, dms., Lt., bb. 150 AOAC lest, dms., Lt., bb.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72	.77% .82% .82% .85 1.85 1.95	H: H: H: H: H: H: H: H: H: H: H: H: H: H
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, I.o.b. b. dms., same basis b. Formic acid 90% tanks, I.o.b. works. b. 95% dms., cl., works. b. 95% dms., cl., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruntic acid, food grade, bgs. tl., fri. toch. grade, bgs., tl., f.o.b. frt. equald. b. Furfural, tanks, f.o.b. Cedar Rapids, lowa, and Belle Glade, Fis. b. Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenn. and Ornaha, Neb. ib.  Gelatin, edible, 100 AOAG lest, dms., tl., dwd. b. 150 AOAG lest, dms., tl., b. 175 AOAC lest, dms., tl., b. 200 AOAC lest, dms., tl., b.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72	.77% .82% .82% .85 1.85 1.95 2.05 2.15	
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis Formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works. b. 95% dms, c.i., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Frumaric acid, food grade, bgs. t.i., frt. o.gueld E. b. loch, grade, bgs. t.i., frt. o.gueld E. b. Furfural, tanks, f.o.b. Cedar Rapids, lows, and Belle Glade, Fis. fb. Furfuryi alcohol, tanks, f.o.b. Merruphis, Tenn. and Ornaha, Neb. b.  Gelatio, edd, 400 kilo lots kilo Garlio cil, dms., Egyptien kilo Gelatin, edible, 100 AOAC test, dms., t.t., b. 125 AOAC test, dms., t.t.i. b. 125 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .1.60 1.76 1.85 1.95 2.06 2.10 2.30		H: H: H: H: H: H: H: H: H: H: H: H: H: H
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis Formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works. b. 95% dms, c.i., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Frumaric acid, food grade, bgs. t.i., frt. o.gueld E. b. loch, grade, bgs. t.i., frt. o.gueld E. b. Furfural, tanks, f.o.b. Cedar Rapids, lows, and Belle Glade, Fis. fb. Furfuryi alcohol, tanks, f.o.b. Merruphis, Tenn. and Ornaha, Neb. b.  Gelatio, edd, 400 kilo lots kilo Garlio cil, dms., Egyptien kilo Gelatin, edible, 100 AOAC test, dms., t.t., b. 125 AOAC test, dms., t.t.i. b. 125 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b. 226 AOAC test, dms., t.t.i. b.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .1.86 1.86 1.85 1.85 1.95 2.10 2.30 2.30 2.30 2.30 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.1		He He
14.50 23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis b. formic acid 90% tanks, f.o.b. works. b. 95% dms, c.i., works. b. 95% dms, c.i., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruciose, cryst., 16,000 kilos or more, dms. b. Furmaric acid, food grade, bgs. t.i., frl. oqueld E. b. b. toch, grade, bgs., t.i., f.o.b. frt. equald. b. b. Furfural, tanks, f.o.b. Cedar Rapids, towa, and Belle Glade, Fis. ib. Furfuryi alcohol, tanks, f.o.b. Merruphis, Tenn. and Ornaha, Neb. b.  Furfuryi alcohol, tanks, f.o.b. Merruphis, Tenn. and Ornaha, Neb. b.  Galito acid, 400-kilo lots. kilo Garido oil, dms, Egyptian. kilo Gelatin, edible, 100 ACAC lest, dms. 11., dvd. b. 125 AOAC lest, dms., It.i. b. 200 AOAC test, dms., It.i. b. 250 AOAC test, dms., It.i. b. 275 AOAC test, dms., It.i. b. 300 AOAC test, dms., It.i. b. 300 AOAC test, dms., It.i. b. 300 AOAC test, dms., It.i. b. Geranici, svn., 90-89%, dms. ib.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .1.50 .1.76 .1.85 .2.05 .2.10 .2.20 .2.30 .2.50 .2.50 .2.50 .2.50 .2.50 .2.50		
.23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. bodrms, same basis bodrms, same basis bowerks do by tanks, f.o.b. works boys tanks, f.o.b. works boys tanks, f.o.b. works boys tanks, f.o.b. graciose, cryst., 18,000 kilos or more, dms. boys tanks, f.o.b. grade, bgs. t.l., fil. toch. grade, bgs. t.l., fil. toch. grade, bgs. t.l., f.o.b. frt. equald. bib. furfural, tanks, f.o.b. Cedar Rapids, lows, and Belle Glade, Fig. to. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenh. and Ornaha, Neb. ib. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenh. and Ornaha, Neb. ib. 150 AOAC best, dms., t.t., bb. 150 AOAC best, dms., t.t., bb. 175 AOAC test, dms.,	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75	77% 82% 	He He He
14.50 23 .18½ 18.25 1.305 9.25	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., cl., works. b. Fructose, cryst., 18,000 kilos or more, dms b. Fructose, cryst., 18,000 kilos or more, dms b. Furnaric acid, food grade, bgs. tl., frd. b. frt. equald. b. lb. loch. grade, bgs., tl., f.o.b. frt. equald. b. lb. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fis. fb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b. Eufuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b. 150 ACAC lest, dms., Ltl., b. 125 AOAC lest, dms., Ltl., b. 125 AOAC lest, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 1276 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 1276 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 1276 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., b. 1280 AOAC test	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75		He He He
14.50 	Formamide, tanks, f.o.b. b. dms., same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., cl., works. b. Fructose, cryst., 18,000 kilos or more, dms b. Fructose, cryst., 18,000 kilos or more, dms b. Furnaric acid, food grade, bgs. tl., frd. b. frt. equald. b. lb. loch. grade, bgs., tl., f.o.b. frt. equald. b. lb. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fis. fb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b. Eufuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b. 150 ACAC lest, dms., Ltl., b. 125 AOAC lest, dms., Ltl., b. 125 AOAC lest, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 1276 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 1276 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 126 AOAC test, dms., Ltl., b. 1276 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., Ltl., b. 1280 AOAC test, dms., b. 1280 AOAC test	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75	77% .82% .82% .82% .75 .85 .96 .2.18 .2.25 .2.35 .2.45 .2.45 .2.45	He He He P-1
14.50 	Formamide, tanks, f.o.b. b. dms. same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., c.l., works. b. Fructose, cryst., 16,000 kilos or more, dms. b. Fructose, cryst., 16,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. t.l., fri. oqueld. b. loch. grade, bgs., t.l., f.o.b. frt. equald. b. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fla. tb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b.  Galilo acid, 400-kilo lots. kilo Garilo cil, dms., Egyptian. kilo Gestin., edible, 100 ACAC test, dms., l.t., dwd. b. 125 AOAC lest, dms., l.t.l. b. 126 AOAC lest, dms., l.t.l. b. 200 AOAC lest, dms., l.t.l. b. 226 AOAC test, dms., l.t.l. b. 276 AOAC test, dms., l.t.l. b. 300 AOAC test, dms., l.t.l. b. 300 AOAC test, dms., l.t.l. b. Geranici, syn., 90-92%, dms. b. syn. 88-98%, dms. b. geranium off, Moroccan. b. Geranium off, Moroccan. b. Bourbon. b.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .75 .72 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75	7775 .824 .824 .75 .85 .95 .2.15 .2.25 .2.35 .2.45 .2.45 .2.45 .2.65 .2.65	He He He He He He He He He He He He He H
14.50 	Formamide, tanks, f.o.b. b. dms. same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., c.l., works. b. Fructose, cryst., 16,000 kilos or more, dms. b. Fructose, cryst., 16,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. t.l., fri. oqueld. b. loch. grade, bgs., t.l., f.o.b. frt. equald. b. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fla. tb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b.  Galilo acid, 400-kilo lots. kilo Garilo cil, dms., Egyptian. kilo Gestin., edible, 100 ACAC test, dms., l.t., dwd. b. 125 AOAC lest, dms., l.t.l. b. 126 AOAC lest, dms., l.t.l. b. 200 AOAC lest, dms., l.t.l. b. 226 AOAC test, dms., l.t.l. b. 276 AOAC test, dms., l.t.l. b. 300 AOAC test, dms., l.t.l. b. 300 AOAC test, dms., l.t.l. b. Geranici, syn., 90-92%, dms. b. syn. 88-98%, dms. b. geranium off, Moroccan. b. Geranium off, Moroccan. b. Bourbon. b.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75	7775 824 	He He He He He He
14.50 	Formamide, tanks, f.o.b. b. dms. same basis b. Formic acid 90% tanks, f.o.b. works. b. 95% dms., c.l., works. b. Fructose, cryst., 16,000 kilos or more, dms. b. Fructose, cryst., 16,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. t.l., fri. oqueld. b. loch. grade, bgs., t.l., f.o.b. frt. equald. b. Furfural, tanks, f.o.b. Cadar Rapids, lowa, and Belle Glade, Fla. tb. Furfuryl alcohol, tanks, f.o.b. Memphis, Tenn. and Ornaha, Neb. b.  Galilo acid, 400-kilo lots. kilo Garilo cil, dms., Egyptian. kilo Gestin., edible, 100 ACAC test, dms., l.t., dwd. b. 125 AOAC lest, dms., l.t.l. b. 126 AOAC lest, dms., l.t.l. b. 200 AOAC lest, dms., l.t.l. b. 226 AOAC test, dms., l.t.l. b. 276 AOAC test, dms., l.t.l. b. 300 AOAC test, dms., l.t.l. b. 300 AOAC test, dms., l.t.l. b. Geranici, syn., 90-92%, dms. b. syn. 88-98%, dms. b. geranium off, Moroccan. b. Geranium off, Moroccan. b. Bourbon. b.	.44 .38½ .51½ .90 .75½ .75 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .72 .75 .72 .75 .72 .75 .72 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75	7775 .824 .824 .75 .85 .95 .2.15 .2.25 .2.35 .2.45 .2.45 .2.45 .2.65 .2.65	He He He He Ho
14.50 	Formamide, tanks, f.o.b. b. dms., same basis b. cmic acid 90% tanks, f.o.b. works. b. 95% dms., cl., works. b. 95% dms., cl., works. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruciose, cryst., 18,000 kilos or more, dms. b. funeric acid, food grade, bgs., tl., flb. toch. grade, bgs., tl., flo.b. frt. equald. b. flb. toch. grade, bgs., tl., f.o.b. frt. equald. b. fr. frt. equald. b. frt. sowa, and Belle Glade, Fis. ib. Furfural, tanks, f.o.b. Cedar Rapids, lowa, and Belle Glade, Fis. ib. Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenn. and Ornaha, Neb. ib. Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenn. and Ornaha, Neb. ib. 150 AOAC isel, dms., tt.i. b. 150 AOAC isel, dms., tt.i. b. 175 AOAC test, dms., tt.i. b. 250 AOAC test, dms., tt.i. b. 250 AOAC test, dms., tt.i. b. 250 AOAC test, dms., tt.i. b. 250 AOAC test, dms., tt.i. b. 250 AOAC test, dms., tt.i. b. 300 AOAC isel, dms., tt.i.	.44 .38½ .51½ .90 .75½ .75 .72 .75 .72 .75 .72 .75 .1.50 .1.76 .1.85 .2.05 .2.10 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.30 .2.	7775 .824 .824 .75 .85 .95 .2.15 .2.25 .2.35 .2.45 .2.45 .2.45 .2.65 .2.65	He He He He Ho Ho Ho
14.50 	Formamide, tanks, f.o.b. bodres, same basis bodres, same basis bowerks. boworks. boworks. bosts of the same basis boworks. bosts of the same basis boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks. boworks.	.44 .38½ .51½ .90 .75½ .75 .75 .75 .72 .75 .72 .75 .1.65 .1.76 .1.85 .2.05 .2.10 .2.20 .2.30 .2.30 .2.50 .5.76 .2.40 .2.50 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .2.40 .5.76 .5.76 .2.40 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.	7775 .824 .824 .75 .85 .95 .2.15 .2.25 .2.35 .2.45 .2.45 .2.45 .2.65 .2.65	He He He He Ho
14.50 	Formamide, tanks, I.o.b. dos. same basis bo dris. same basis bo works. So 95% dris., cl., works. Bo 95% dris., cl., works. Bo Fruciose, cryst., 18,000 kilos or more, dris. Bo Grande, bgs. tl., fo. dris. Bo Grande, bgs. tl., fo. dris. Grande, bgs. tl., fo. dris. Grande, bgs. tl., fo. dris. Grande, bgs. tl., fo. dris. fo. dris. fo. b. Grande, bgs. tl., fo. dris. fo. b. Furfural, tanks, f.o.b. Cedar Rapids, lowa, and Belle Glade, Fis. to Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenn. and Ornaha, Neb. ib. Grande, dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo.	.44 .38½ .51½ .90 .75½ .75 .75 .72 .75 .72 .75 .72 .75 .1.60 .1.76 .1.85 .2.05 .2.10 .2.30 .2.50 .2.50 .2.50 .2.50 .5.75 .2.400 .33.00 .5.25 .3.50 .5.75 .2.90 .5.25 .3.50 .5.75 .2.90 .5.25 .3.50 .5.75 .5.95 .5.95 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.90 .6.	77% .82% .82% .85 .205 .2.15 .2.25 .2.45 .2.45 .2.45 .2.45 .2.65 .2.65 .2.65	He He He He Ho Ho Ho
14.50 	Formamide, tanks, I.o.b. dos. same basis bo dris. same basis bo works. So 95% dris., cl., works. Bo 95% dris., cl., works. Bo Fruciose, cryst., 18,000 kilos or more, dris. Bo Grande, bgs. tl., fo. dris. Bo Grande, bgs. tl., fo. dris. Grande, bgs. tl., fo. dris. Grande, bgs. tl., fo. dris. Grande, bgs. tl., fo. dris. fo. dris. fo. b. Grande, bgs. tl., fo. dris. fo. b. Furfural, tanks, f.o.b. Cedar Rapids, lowa, and Belle Glade, Fis. to Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenn. and Ornaha, Neb. ib. Grande, dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo. dris. fo.	2.30 75½ .75 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .1.50 .1.76 .1.85 .2.05 .2.10 .2.30 .2.50 .5.76 .2.40 .2.50 .5.76 .2.40 .5.76 .2.50 .5.76 .2.40 .5.76 .5.76 .2.40 .5.76 .5.76 .5.76 .2.40 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76	77% 82½ 	He He He He He He
14.50 	Formamicia, tanks, I.o.b. bo driss, same basis Formic acid 90% tanks, I.o.b. works. b. 95% driss, c.i., works. b. 95% driss, c.yst., 18,000 kilos or more, driss. b. Fruciose, cryst., 18,000 kilos or more, driss. b. b. Furfural, tanks, f.o.b. Cedar Repkis, lowa, and Belle Glade, Fis. b. Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenh., and Ornaha, Neb. ib.  Gelatin, edible, 100 ACAC leat, driss., ib. 150 ACAC leat, driss., ib. 150 ACAC leat, driss., it.i. b. 150 ACAC leat, driss., it.i. b. 200 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.	2.30 75½ .75 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .72 .75 .1.50 .1.76 .1.85 .2.05 .2.10 .2.30 .2.50 .5.76 .2.40 .2.50 .5.76 .2.40 .5.76 .2.50 .5.76 .2.40 .5.76 .5.76 .2.40 .5.76 .5.76 .5.76 .2.40 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76 .5.76	77% .82% .82% .85 .205 .2.15 .2.25 .2.45 .2.45 .2.45 .2.45 .2.65 .2.65 .2.65	He He He He He He
14.50 	Formamicia, tanks, I.o.b. bo driss, same basis Formic acid 90% tanks, I.o.b. works. b. 95% driss, c.i., works. b. 95% driss, c.yst., 18,000 kilos or more, driss. b. Fruciose, cryst., 18,000 kilos or more, driss. b. b. Furfural, tanks, f.o.b. Cedar Repkis, lowa, and Belle Glade, Fis. b. Furfuryl alcohol, tanks, f.o.b. Merriphis, Tenh., and Ornaha, Neb. ib.  Gelatin, edible, 100 ACAC leat, driss., ib. 150 ACAC leat, driss., ib. 150 ACAC leat, driss., it.i. b. 150 ACAC leat, driss., it.i. b. 200 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.i. b. 275 ACAC leat, driss., it.	.44 .38½ .51½ .90 .75½ .75 .75 .72 .75 .72 .75 .1.85 .1.85 .1.85 .1.85 .2.05 .2.10 .2.20 .2.30 .2.30 .2.30 .2.50 .2.60 .2.60 .2.70 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80 .2.80	77% 82½ 	He He He He He He
14.50 	Formemicle, tanks, I.o.b. b. dms. same basis b. Formic acid 90% tanks, I.o.b. 95% dms. cl., works b. 95% dms. cl., works b. Fruciose, cryst., 18,000 kilos or more, dms. b. Fruciose, cryst., 18,000 kilos or more, dms. b. Furnaric acid, food grade, bgs. tl., fol. b. Furnaric acid, food grade, bgs. tl., fo.b. frt. equald. b. lb. loch. grade, bgs. tl., fo.b. frt. equald. b. lb. Furfural, tanks, fo.b. Cadar Rapids, lowa, and Belle Glade, Fla. tb. Furfuryl alcohol, tanks, fo.b. Memphis, Tenn. and Ornaha, Neb. b. Furfuryl alcohol, tanks, fo.b. Memphis, Tenn. and Ornaha, Neb. b. 150 AOAC disel, dms. Ltl., b. 125 AOAC lest, dms. Ltl., b. 125 AOAC lest, dms. Ltl., b. 126 AOAC lest, dms. Ltl., b. 200 AOAC lest, dms. Ltl., b. 226 AOAC lest, dms. Ltl., b. 226 AOAC lest, dms. Ltl., b. 2276 AOAC lest, dms. Ltl., b. 300 AOAC lest, dms. Ltl., b. 300 AOAC lest, dms. Ltl., b. 300 AOAC lest, dms. Ltl., b. 300 AOAC lest, dms. lb., plat, 90-92%, dms. b. geranking off, Moroccan, b. Geranyl acelate, dms. a. b. geranking off, Moroccan, b. Bourbon. Chinese kilo server, cochin, bgs. b. Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bulk, d.l., Lo.b. Bonst, dms. g.p. bu	.44 .38½ .51½ .90 .75½ .75 .75 .72 .75 .72 .75 .1.85 .1.85 .1.85 .1.85 .1.85 .2.05 .2.10 .2.30 .2.30 .2.30 .2.30 .2.50 .2.40 .2.30 .2.50 .2.50 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60 .2.60	77% 82½ 	He He He He He He

CH	EM	ICA	
PR	ICE	6	

WEEK ENDING SEPTEMBER 5, 1986

1	Glue, bone, extracted, green, jelly-		
	grams, bgs., c.l	-	_
1	85 (ellygrams, bgs., c.l., f.o.b lb.	86	-
5	115 jellygrams, bgs., c.l., f.o b, ib.	.78	-
1	135 jallygrams, bgs., c.l., f.o.b, lb.	.77	-
ı	164 jellygrams, bgs., c l., f.o.b,lb.	.79	-
- 1	192 jellygrams, bgs., c.l., f.o.b lb.	.87	-
)	220 jellygrams, bgs. c.f. f.o.b lb. Glus, hide,	.93	_
l	108 jellygrams, bgs., t.1., f.o.b lb.	.80	
	135 jellygrams, bgs., t.l., 1.o.b, ib.	.85	_
	164 jellygrams, bgs., t.t., f.o.b., Ib.	.90	Ξ
1	192 jellygrams, bgs., t.l., f.o.b ib.	.95	_
	222 jellygrams, bgs., t.l., f.o.b., lb.	1.00	_
	251 jellygrems, bgs., t.l., t.o.b., . , tb.	1.05	_
	283 jellygrams, bgs., t.l., f o b lb.	1.10	-
· i	315 jetygrams, bgs., t.i., (.o.b (b	1.15	-
·	347 jellygræms, bgs., t.l., f.o.b lb.	1.20	-
.	379 jellygrams, bgs., t.l., f o.b lb.	1 25	-
	41 i jelkygrame, bgs., l.l., f.o.blb	1.30	-
	444 jehygrams, bgs., t l., f.o b., lb.	1.35	-
	477 jellygrams, bgs., t.l., (.o.b., ib.	1.40	-
00	Glutamic acid, 99% dms., 100-lb.	6 65	
	lots, fri sild kilo Glycerine, nat., refd., USP, CP 991/2%	9 09	-
00	tanks, divd Ib	8910	_
_	USP, CP, nat. 96%, tanks, divd. 1b	871.	_
	Syn 96%, tanks divd	8917	_
75	Syn 99 5%, tanks divdib	.91	_
_	Glycine (see Aminoacetic acid)		
36	Glyceryl gualacolate, 100-lb fib. dms.		
-	f o b kilo Glycolic acid (see Hydroxyacetic acid)	14 50	-
-	Glycolic acid (see Hydro×yacetic acid)		
	Giyozai 40% soin , bulk, tanks.	44%	
_	divd	2.75	-
_	Calif dms ib	2 25	_
	Israeli 10.	2.25	_
	Graphilo, amorph, powd , bgs , dms .		
-	ex whsa	16	
	cryst 88-90%, powd., bgs., dms		
-	l ozwase Ib	.30	
.64	Graphite, cryst., 90-92%, powd., bgs ,	40	
.74	dms., ex whse	.40	
1.14	95-96% powd , bgs., dms., ex	.60	
.931/2	whse		
.08	powd., bgs., dms., ex		
	whse	.80	1.
.0905	Graphite, flake, No. 1, 90-95%, bgs.,		
.0003	dma, ex whse	.65	.7
. 1065	No. 2, 90-95%, bgs., dms., ex	.65	.7
	whseb. Grease (See Oils, Fats & Waxes market r		.,
.1025	Grease oil (See Lerd oil).	opo.i,	
1000	Gualacci, tech., 500-lb dms., 24,000lb.		
.1060	min., f.o.b. Waltingford,		
_	Conn	2.70	-
	NOTE: Purified grades are 10c. higher		
-	Guslacwood oll, dms lb.	2.50	-
-	Guer gum, edible, bgs., c.l., f.o b.	.50	71
00	ship't pt	.50	.71
.03	indust., bgs., high viscosity, c.l., same basis	.50	.85
.77Yz	Walling States of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of		
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BOLL			

<del></del>		
Malledonale along	8,00	8.25
Heliotropin, dims.,b. Hemiock oil (see Spruce oil).	0.00	D. 23
Henbane leaves, bis	.55	_
Heptane, inclust, tanks, f.o.b. Beeu-		
i mont Tex	1.07	-
95%, tanks, f.o.b. Houston,		
I IBX	1.18	-
Heptanolo scid, syn.; tanks, f.o.b	.65 .43\⁄2	-
Hexadecanol, syn., tanks, f.o.b lb. Hexanytirophthalic anhydride, tech.	.4312	-
dms. I.I., f.a.b. works ib.	1.42	
Hexamethylenetetramine, gran. bgs.,		
o.i., t.l., works	.55	-
oran. dms., c.l., t.l., works lb.	.59	·
pdr. bgs., q.l., t.l., works lo.	60	, . <del>-</del> .
powd.dms, c.l., t.l., works lb.	.63 1.01	
Hexane, indust., tanks, works gal.	1.01	1.15
\$5%, tanks, f.o.b. Houston, . Texgal	1.12	
l-Hexanol, syn., tanks, f.o.b	.50	_
Hexyl alcohol, mixed isomers.		
tanks	. 32	-
p-Hexyl methacrylate, dms., c.t.,	***	
works	.75Vz .50	
Hexylresorcinol, USP, diffe., 25-tb. lots	.00	
or more, frt. alld lb.	30.00	. 🚅 🖫
Hometropine hydrobromide, USP, 10-		
100-oz.lgts, bots oz.	(0.25	11.30
Homairopine methylbromide, USP, 10-		
250 oz. lois, bols. , oz.	9.70 25	10.70
Horehound herb, bisib. Hydrazine hydrate, 86%, t.t., irt.	.20	28
" sid	1.84	
55-gal.dms., t.L., frt. alid lb.	1.61	
Hydriodic acid, purif., 47%-57%, 2-		
chve f.c.b. worke	7.60	-
Hydroabletyl alechol, tech., solid. dris cl., f.o.b. zone 1lb.	0.00	
oms, c.i., r.o.b. zone 1lb.	85	•
tenks Lo.b. zone 1	.80	18 J. J.
Hydrotromic acid, 48% dins., c.l. Ll., 1,0,0	3614	S. 20
Hydrochlode wid solwd isso Hydrocan	chiorida)	

	S C C	1	7
	9	ľ	
3	37		网络特拉拉拉加拉拉克 不多 有心不久
-	Z,		\$1.5.5.6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0

			Iron, purif., powd., palls, 10-1	00- <u>l</u> b.	4.00		Lake C, red toner. (red 53) bbls., frt.	5.70	- 1	Lithium hydride, c.l., t.l., divd. 10,000 or morelb.	23.50		
CHEMIC	M		iota	up. I., frt.	1.00 .68½	.751/2	Lanolin, anhyd., cosmetic. 400-ib.	1.1B	1.25	Lithium hydroxide, monohydrate, dms., c.i., t.i., divdb, Lithium hypochlorite, c.i., t I., works.ib.	1.93 1.07	•	
LHEMIL	Д		equaldbgs., c iron oxide, brown, syn., bgs., c equald	.l., 1ft.	.68	.781/2	pharmaceutical, 400-lb. dms. works	1.15	- }	Lithium metal, 1,000-lb. lots or more, divd	22.70	-	
PRIAFA			Iron oxide, metallic brown, I.G.I., iri. equald	lb.	.13	.15	dms., works	1.08 orl.) .34	113	Lithium nitrate, tech., dms., 100-b. lotsb. Lithium stearnte, bgs., c.l., irt. alid., lb.	3 25 1.01	-	
<b>PRICES</b>	)	) }	iron oxide, nat., red., dom., pure c.l., works iron oxide, yellow,	Ib.	.276 .18	.40	Lard of, No. 1, dms., c.l., l.o.b lb. tanks, same basis lb Lard of, extrs, winter-strained, dms.,	.28	Ì	Lithum sulfate, antiydrous, t i, divd. lb. Lithol rod toner, harrum, dma., frt. alld	3.09	-	
		]	syn., bgs., c.l., irt. equald. tron oxida, buili, nat., dom, bgs	ID. I., C.I.,	.63	.71	c.l	.41 .33	-	calcium, dms , same basis lb. Lithol rubine toner (rod 57), resinated	3.27 3.60	:	
WEEK ENDING SEPTEM	BER 5	1986	t.i.,works, light darkother shades, bgs., c.i.	ID.	.75 .60	.80 -	sis, Chicago	.43	-	dms., fri. alldb. Locust bean gum, powd , bgsib. 2,4-Lutidine, dms., t.l., fri. oqualdi kilo	5.60 6.00 5.76	B.75	í
lydrochioric acid. 20° Be, tanks, works, East ton	55.00 60.00	65.00 70.00	equald	ID. rkslb.	.50 1.40	.55 -	sis	.35 I Texas, 2c		Lycopodium, 50-lb dmslb. 1-Lysine monohydrochloride, feed	8.00	10.00	1
Midwest	57.00 90 00	105.00	isoamyi elcohol, 95% tanks, ald	, frt. Hb.	1.44 7.25	1.48	Laurelleaves, Turkish	1.95 3.85	2.00	grade, 10,000 lbs. dvd lb.	1.35	1.40	I
22° acid, same basis, Eastton Midwestton Guif Coastton	68.00 66.00 63.50	76.00 70.00	Isoborneol, 100 lb. dms	Ib.	.80	1.15	Lauric add, coml., pure bgs., c.l ib. Lauric aldehyde (aldehyde C-12). dms	.65 7.75	,71 -				
West Goast ton NOTE: Prices vary and are either freight	100.00 collect fre	115.00 Hight equal-	(rt.alid	lb. E lb.	.45 .71 .29	.48	n-Lauryi methacrylate, dms., c.l., t.l., worksb.	1.72	<u>-</u>	<b>IVI</b>			
ized depending on producer and Hydrocortisone acetate, micronized,	location. .70		isobutyi alcohol, tanka, divd. Isobutyiene, 99%, tanka, works.	I.O.D.	.32	_	Lavandin oil, Abrialis, 30-32%, dms.lb. Lavander flowers, ord	4,00 .65 .80	.75 .90				í
dms., 25 kilos or more . gram. Hydrocortisone, alcohol, micronized, dms., 25 kilos or more . gram.	.70	-	Isobutyi Isobutyrate, tanks, works	1.o.b. lb.	.421/2	- }	select. bis	1.10	1.19 13.50	Mace, East Indian, siftings, lb. Slauw #2 lb. Magnesia, tech., light, neoprene-	4.95 5.60	5 00 5.75	
Hydrofluoric acid, anhyd. (ase Hydrogen f Hydrofluoric acid, aqueous. 70% tanks., f.o.b. frt.	(Nuoride		Isobutyi methacrylate, tanks, div isobutyi phenyiacetate, dms isobutyi selicylate, dms	lb.	.87 3.10 3.45	3.50	40-42%, ester, cns	9.25 15.00	22.00	grade, bgs., c.l., t.l., works lb. Magnesia, syn., tech., chemical-	.75	.Bs	
equald	43.00	- {	laobutyraldehyde, tech., dms divd	., c.l., \b.	.43	_	dms., workslb. tech., flake, t.l., 400lb. dms.,	.46 .37	-	grade, bulk, c.l., t.l. workston bags, c.l., t.l., same basiston	330.00 365.00	:	
	151.00 100.00	140.00	tanks, divd	(6. dlb.	.35 No Price .75	S	worksbb. Lead blue, basic, sulfate, bbls., c.i., ship,t.pt., (.o.b	.87	_	deadburned, bulk, same ba-	392.00 409.00		
30,000-ibs., i.o.b. works ib. Hydrogenchioride, arrhyd., 50-ib. cyls.,	7.00	-	tanks, same basis Isobutyronibite, clms., c.l., f.o.b. int. collect	works	.84	_	Lead carbonate. (see Lead white basic Lead chloride, 400-lb. dms., works. lb.	carbonate) 3,25	· -	bgs., same basis	405.00	•	
c.i., worksib. 600-ib. cyls., c.i., same basis ib. Hydrogen chloride, anhyd., tube trail-	.65 .62	- 1	tanks, same basis	its. lb.		5.60	Lead dioxide, tach., powd., 200-ib. dms., t.l., works ib. Lead fluoborate, liq. conc., dms., t.l.,	.66	.70	Nev	232.00 265.00	-	
ers, seller's trailer, min. 100,000 lbs. a year lb.	.37	_	Isoniazid, powd. Isonicotinic acid, hydrazine (sea Isononyl alcohol, dms., t. i	lsonlezid).	12.00 .48	-	works, frt. equald lb. Lead metal, divd lb. Lead monosilicate, milled. bgs., c.l.,	.65 .18	.1872	Magnesium bromide, 80-lb. dms., hex- ahydrate	2.50	-	
hube trailers, buyer's trailer, ib. Hydrogen chloride anhyd., tanks, workston	.27 270.00	-	(so-octyle/cohol, tanks, divd Isophorone, tanks divd	lb.	.44 .81	-	(.o.b. worksib. coarse, bgs., c.l., same basisib.	567 577		bgs., c.l., t.l., works, frt. equald	.73 .74	.78 80	
Hydrogen cyanide, Ilq., 99.5%, tanks, works	.50	-	isophthalic acid, 99%, bulk, Joliet, III., min. frt. sild. Isophthalonitrile, bgs., t.l., works	lb.	.46 2.65	-	Lead naphthenate ilq., 24% Pb. dms. irt. alkl	.93	-	USP, heavy, bgs., c I., same basisib. Magnesium chloride, anhyd., 92%,	.83	•	
Hydrogen fluoride, anhyd., tank cars c l., t.o.b., frt. equald\b. Hydrogen paroxide, 35% tech., tanks,	.8875	-	(sopropyl scatate, tanks, divd Isopropyl skohol, anhyd., 99%,	lb.	.47	-	(.i., works	321	2 -	ilake or pebble dms., c.l., worksb. Magnesium chloride, hydrous, 99%	.12%	.15	
works, ft. equald	.2325 .3225		cīvd refd., 95%, tanks, divd	gal.	1.38 1.31	-	Lead red, 95% Pb ₃ O ₄ , or less, bgs. c.t. worksb Lead red, 97% Pb ₃ O ₄ , bgs. c.t.	37	-	flake, bgs., c.l., works	.1419 4 25	, -	
70%, tankcars frt. equaldlb. Hydrogen suifide, liq., 99.25% min. sefer's tanks, workslb.	.45 .12	.13	refd., 91%, tanks, divd fsopropyl ether, tenks, divd	lb.	1.25 .44 .37	=	works	)379 8		f.a.b. works, E Ib Magnesium hydroxido, NF, pawd dms., c.l., t.l., works int			
170 ib. cylindera	2.27	-	Isopropylamine. (see Mono-, Di Isopropyl myristate, oms., t.i., E	or Tri-).	1.19	1.50	basis	Hicate).	4072	oquald	.70	2	5/1
ers. c.l., I.l., divd lb. tech., dms. c.l., divd lb. Hydroxyacetic acid, tech., 70%, tanks,	2.54 1.95	-	Itaconic acid, retd. bgs 1.l	ID.	1.45	1.48	works	o35 sulfate and	Lead, white	10.000-ID. IDIS OF INVIE. 1.0.9		_	
Belle, W. Va	.49½ .83	-					basic auffate) Lead, white, basic carbonate, bgs., c.f. frl. alid	o62	_	Freeport, Tox	1.29	1.33	ı
f.o.b		onic acid).	J				Lead, white, basic, silicate, bgs., c.i same basis	o87	-	Ib. dms., t I., works			
12,000 cps.) 50 lb. bags, tl., cl. 30,000 lb. min., divd., zone 1	2.10	_					same basis	o65 n-		works, fri. aquald k heavy, dms., c.i., samo basis it Magnesium oxide, lech. (see Magnes	1.54	-	
Hydroxycitronelial dimethyl acetal, dms	16.55	_	Jacki, paste, dms., works, 10 sis	, klio	4.75 5.50	_ 5.60	ret. dms., i.c.i., works i unbleached non-ret. dms., i.c.i same basis	l.,		Magnesium phosphate, inbasic, ied 60-ib. bgs., f.o.b.		-	
p-Hydroxydiphenylamine, dms., 1.i., t.o.b. works lb. Hydroxycitronellal,	4.10	-	Jojoba oli, 55-gal. dma., 1.o.b. producing point	Arizona gal.	55.00	60.00	edible, tech. blesched, non-ret drns., t.l., works	b28	ı –	Magnesium silicate (see Tolc). Magnesium silicotuoride, bgs. c.l., t works.		845 .1 5 1.3	1800 36
ngturel, cims	9.40 13.80	<u> </u>	Juniper berry oil, Italian	KIKO	47.00		same basis	b26 10 14.00	-	Magnesium Blenrate, bulk, t.l	n		
extra grade, drnsb. syn., drns	14.80 9.50 2.07	2.12	V				Brazii Calif., USP, dma	lb. 9.00	9.35	works.	13	4 - 3 - 34 -	
Hydroxyethyl methylcellulose (visc. 5,000 through 45,000 cps.) 60 fb. bags. t.l., c.i., 30,000 fb.			<b>I</b>				Lemongrass oil, indian, dmsk Guajemalan, dmsdi-Leucine, dmskio worksk	ilo 11.21 Ib. 2.21	5	USP, cryst., bgs., samo basis . USP, cryst., bulk, samo basis .! Magnosium sulfate, 17% Mg. (sy	3-	41/2 -	,
mks., divd., zone 1 ib. Hydroxypropyi methylcefulose, pra-	2.73	-	Marks water weeked 6 db				Licorice root, whole, bis	lb49 lb70	0 .50 0 .90	thotic monohydrato), teo	s. 80	0 - 5	•
mium, U.S.P. (visc. 4,000 through 15,000) 50 lb. bags, U., c I., 30,000 lb. min., divd.,			Kaolin, water washed, fully bags c.l., f.o.b. Georg NF pwd., colloidal, bacte	jlaton	255.00	-	powd., bis Lignosulfonate (see under Ammon fonate).			had II WORKS	s. 1.78	5	
zone 1b. Hydroxypropyl methylcellutose, U.S.P	2.87	<b>-</b>	trolled, 50 lb. bags	5,000 lb. Vb.	.24	-	Lime, chemical, pebble (quicklim bulk, 50,000 lbs., works, f.o.	.b.		Magnosium sulfato trihydrato, ted bgs., t.f., works Magnesium trisilicate, USP, powd., t	b. 4		
(visc, 50 through 100 cps) 50 ib. bags, Li., ci., 30,000 ib min., divd., 2018 j	). 1. <b>2.99</b>	-	Kaolin, uncefcined. No. 1 cost o.l., f.o.b., Georgia No. 2 coating	ton	94.00 75.00	-	plants. Lime, chemical, hydrated, bulk, sai basis.	me		dms. 5,000-lb. 1015 dm	B., ,	985 933 *	
Hydroxypropyl methylcellulose (visc 4,000 through 15,000 cps) 50 lb, bags, t.l., c.l., 30,000 lb. in.	0		No.3 coating	ton	73.00 70.00	Ξ	bgs., same basis	lon 54.0 lb6	0 57.00 9 -	Majathion, tech., dms., t.l., works.	ib. 1.6		-
divd., zone 1	). <b>2.</b> 17 C.	-	filter, gen,i purpose, sis	ton	68.00	-	Haitian, diet., dms	. lb. 8.0	<u> </u>	drums loop 1 o.b	os 2.8	80 '	- #
bags, t.1., c l., 30,000 tb. min divd., zona 1	L, b. 2.64	4 -	cined paint grade avg., same basis dry-grd. atribated soft,	lon	182.00	-	Lime salts (see Calcium), d-Limonene, dms	kilo .7 . 16. 6.3	0 .85 6 -	Maleic anhydride, bgs., t.f., works, equald tanks, works, fri. equald	lb6	55 53	H
8-Hydroxyquinoline (see Oxyquinolini Hypophosphorous acid, purit., 509 dms., c.t., works	%	5	sis Karaya gum, No. 1, powd., t	ton	60.00 2.25	-	syn., 98-100% dms., 1.o.b. works. Linelool oxide, syn., 56-gal, dm,	. lb. 2.9 . lb. 7.7	13 -	Mailo acid, purif, and root grades.  to bgs., t.l., c.l., divd.	16. di in).	81	."
<u> </u>			No. 2, powd., bbls Kola nuts, bgs		1.95 .497	.51	Linalyl acetate ex bols de rose off, 92%, dms. syn. 98-100%, dms., t.o.b. works.	. lb. 18.0 . lb. 3.1	10 -	Mandello scid. dille., 1,000	dio B.C	00 ¹⁰ 43%	M M
	•				<del></del> -		Linelyl benzoate, syn., 55-gal. dms.	gal.		Manganese acetate, dinydrate, dr dlyd. Leirahydrate, dms., t.l., dlyd.	ib.	10.	Ü
	•					<u>:</u>	Linelyl formate, syn., 55-gal. dms., Linelyl isobutyrate, syn., 55-	. ib. 7.: ggi.	75 8.50	Manganese borate, tech., dms.	lbi	80	
Ichthammol. NF. 200-kilo dims	b. 4.2	5 4.50	-   -	•			Lindane, 20% formulation, dr dwd	NS., OBJ 19.	50 6.55 10 -	GIEGE, 4076 WILL DANS	. ID. 1	05	
Iminodiacetic ecid, 95% min., dm: o.l., t.i., works	ib. 3.0		Lasquer diluent petroles	ım. 140F.		·	99.9% tech., dme., t dvd Linelyl propionate, syn., 65-	[., lb. 6.	50 -	Manganesa chiorica, a more. 20,000 lb, lota or more.	.ib.	<b>6</b> 1	
inosito, 50-kilo dras., 1000 kilos more, Lo b. works k	or 200 17.0		200F. b.r., t.c., i and New York	Vew Jerse	1.25	.; -	Linden flowers with leaves his	.10. 7.	90 – 78 85	I., works	ton 200	00 3	, <b>6</b> 0
lodine, crude, dins	ID. 14.2 50-		Houston, Texas Lacquer diluent, petrois 240F. b.r., tank	oum 200F.			Williout leaves, bis. Linseed megi (see Oils, Fats & Wa; Linseed oil, (see Oils, Fats & Ways	lb. X <b>es</b> market Histoporket re	80 1.15 report), port)	Mangenese dioxide, syn., cryst.,	Og.		. in
kilo dms., 100-499 kilos, t elid	ilo. 35.1	00 45.00	York and New Jer Houston, Tex.	seyge	1. 1.20 4. 1.12		Linseed of fatty edid, dist., dms.	<b>lb.</b> .	60 67 53 67	chemical, ferrite grade, same	ib.	48	Ħ
e-lanone, date.	ib. 18.	20 -	Lactic acid, food grade 88 works 50%, t.c., frt. squald:	<b></b>	o. 1.06	lo <del>ro</del> i	works.  Lithium bromide, anhyd, dms.	o.i., lb.	.86Vi .60	Manganese gluconate: FCC 9	ib. 3	60 35	
b-fonone, dms. Ipecsc root, whole, bgs. Itish moss, bleached, prim	lb. 25. B.	00 -	tech., 68%, to, fit e Lactose, edible, reg,	queidil i.o.,.agd	b.: : 1.03	(2) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	ech: same besis.	. lb. 6	27 00	100-lb dms., 1.0.5 Works Manganese hydratedms., divd. Manganese hypophosphild, NF!	imai 8 Ib. 8	75	( ) ( )
iron hius, sikati-resistani, bos., i.c	Des.	65 .60 70 -	Lectose, USP, reg. oms.	oi, ii, 1	n. b. jšt	( * ] ( - " )	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	, ID, 1	50	Mangarides metal, disctrolytic, N cijio, bulk, a.L., works.	<b>B</b>	331 943	, . , . g
ton tots div. E Iron blue, reg., bgs., i.c.l., ton b same basis.	ls, :	00 215	Lactose, USP, spray on	aci. Don. t	Land of the	a detaile	actin, drift, p.l., t.l., divd Littlern bushda, drift, t.l., div	b. 2	32 94 90	Manganese hydrate zina, divd. Manganese hydophosphild, NF. Manganese metal, sectrolytic, in chita, o.l., works. Manganese nathriteriate, ilq., 69 Manganese nathriteriate, ilq., 69 phts., (flyd.)	1	67	ا الادوا
The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon				112 112 112	1.77567 <u>1</u> 538			e (5)			15 11	100.15	

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.	Manganese resinate, fused, 31/95 Mn. dms., frt. alld	.34% .42	-
	precip. 67-7% Mr. criss.  Manganese suifate, fertifizer grade.  Manganese suifate, 75%-78% MnSQ.	-46	_
	25 kijo bgs., 50-1011 Cars. GVV. E of Miss ton	280 00 245 00	-
	Manganese suitete, 28% Mn. gran. bgs.,c.J.,t.L., works ton Manganese tallete, liq., 6% Mn., dms.	330 00	
	m.arg.	60 3 02	
	works Bo Marjoram, French Io. Egypilan Io.	86 59	87 80
ŧ	MBT (see 2 Mercaptobenzothiazole) MBT6 (see Mercaptobenzothiazy) disuli MD1(see Diphenylmethane 4,4,4-di-soci	ide) yanato)	
	Melamina, bgs., cl., tl., 40,000-10. min., f.o.b. works	.51\s 50	59' , 58
•	Malamine iomaldehyde resin, g.p., t.l. in. ald	.55	60
	es	46% 11	- 
_	Gui ports, same basis	.12	-
•	regular crystals, spot, cs., bulk	6 75 9 00	7 50
	Marcaptobenzothiazofe, bgs., t.l., works, frt. elid	1.25	1 55
	dris., works, frt. elid Ib. Neozic chloride NF, gran., powd., 100-b. dris., f.o.b. works Ib.	1.33 6.50	1 66
	Werturic oxide, red, purif., 100-lb. dms, i.o.b. works	7.00	7 25
	sisb. yelow,NF, 100-lb. dms., same ba-	5 50	7 00
•	tech., 100-lb. dms., same ba- ds	7.00 5.50	7 25 7 50
	Mercurous critoride (see Calomei). Mercury, asmonialed (see White precipit Meanyloxide, turks, divd	ato USP X\	^
}	Heriacyfic acid, glacial, 99%, clms. U.fr. equald ib. tarks, works, irt. equald ib.	87 .78	
	dus dust dust de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contraction de la contractio	12 00	16 00
5	d-Mathambelanine hydrochloride, drs	4 50	7 00
	Methersmine tree Homewath 44 gel.	.52 inn)	71%
•	85% activity L. frt. and ib.	86	
2611	d-Methome(see Recemethioning) Verboyotion 50% wattering	.88	
33	Herryl ebisters, popused stone	2 05	
-	Herlyl abetate, hydrogenated, non-	9 40	-
-	Methyl acaloscatate, East, divd	10.00	
-	Methyl abshor/(see Methanox)	85 68.50	-
.1800	anthrantiate, tech., dms.	55 5472	-
.36	99 9%, peri grade, chrus. 1.1 Its	1.41 25 1.65	2 65
:	Methycelunes ht. alid Ib.	56 U	_
•	43, 4, 6, 30,000 in min.		
:	20 (206) 60 lb. hang at 14 at.	2.73	•
•	4,000 cps) 50 lb hose	2.85	
•	b. bags, II. cl 25 cps) 50	2 24	
:	Watted Marks	2 52	
:	iob. works iob. works icentricitorsom(see 1.1.1-Trichlorooth) lentricitorsom(see 1.1.1-Trichlorooth)		
#	Hebyteugenol 25-lb cns. ib.	6.00 235 3.05	3.80
gi.	But william units.	.41 .29	_
10.00	Many hemenors of 55 gal done in	.31	:
4		45.00 abon)	-
<b>10</b>	vally lateral ketters, tanks, divid.  Methyl sobsyltastinol (see Methyl arnyl s  did one 2 (Cast).  detyl sobsyltastinol (see Methyl arnyl s  det one 2 (Cast).	7.30 51	9.40
	dvd. zone 2 (Ceff.). Ovd. zone 3 (W. O. Booker, 10.	(cohol) .35 .38	-
(.) : 1≤ :-	swithy acoust carbinol (see Methyl armyl s ded one 2 (Ced Lanks, divid, b), ded one 3 (NV, of Rockies, ex- cluding Call), divided by Methyl carbinol (Ced Lanks, divid, b), Methyl carbinol (Ced Lanks, divid, b),	.41	-
<b>60</b> 0	Wahyi naphihyi ketone, cryst.  Sanyoraban, USP, 500 kiloyame, ison, 500 kiloyame,		10.40
100	lech 500 blograms, 1.0.b kilo	14.00 10.14	-
Ŋ		9.70 1.65	- 1
•	plant, moldone tanks, Lo. ib.	3.60	5.40
	Leny Commission Chloride USP 1-10	1.32 1.40	
	Metal Man 1000-b Cime	6.60 1.79	
ر ا سول	the day E of Rockes by	3 500	<b>シザ</b> (1) かみない 小される
43	The second second		

				<b>-</b>		
	thy) solet forer tengstated, PT 1995, superbase	lls 4 70		Naphthol arylide red Joner deep		
4.4	. Methylene diambne to o.c	11	5 20	light shades bloom	9.50	_ {
ļ	aminodiphonyl methan cristo dos 11,10 b	e) 45 1.75		2-Naphthola 8-diguitoria and an		_ 
I Mar	and Paker Samartings		-	1-NBOhlhol-5-shillonic & amina and discount	_	
	thybroad in plannyless described 4.4, descriptions		nylmethano	8-Nanhibularsina Statut au (111xed acid (68e Ci	acid). 8ve's acid	n.
	ma corrange for	lh ar		Works 1,0.D.		
Ales	The partition of the House was not	- Alb	-	2-Naphthylamine-3-Stationic acid (see Laur	ent's acid	n_
	tipipaning hapata dana pada 1. Pip Ti		оутагоюна-		assella a as acid)	ckd).
a M	lothyl dyrerar fierfi sibygsing pf. ( lothylaag bithalense, beile skorksi g		-	dms Works	.52	
1 1/101	Maille and we think the terror Adoption.	en bloot	-	tanks, f.o.b. works	.47	- 1
J M.	a. Wy that I have coment breather	50		I IMPAS, I.O.O. WOYKR. B.	.52 .44	)
	dry quit, footing 20 to 80 mes	ნ 07%ე ხ	-	lanks, f.o.b. works	-48	.49
1.	modes ant or large wet god , 325 mas	b .07	-	wenvered prices apply on chimments with	.39 m-300-m	He radius of
1	tur of forbushs i	h 181:	_	higher and Wass Coom 20 higher	ic bloken	Texas, 2c.
1 "	iblime, lept of Late works ( all paper bys. cl., followerks (	ն 16Կ b 22	-	Neomycin sulfate, USP, non-sterile, dms., 50-kilo. lots, activity ba-	•	
Mas	isk ty staturo was podrećenje, coa	N	-	1 616. CIVC 1/1/2	75.00	_
	ung grades FDA tank	5. Ե 36\ჯ	.46\4	Neopentyl glycol, slurry, 90% ., c.l., t.l., dlyd	.522	_
1	languahori grasher, FDA, tauk worker	۹,		powder, flake, bgs. tl., dvd b. Nerol, tech., dms	.598	
Мом	radical valuto, 50 65 vis., USP to	b 38\2 hi	.48	I peri diada dina is	5.30 4.60	5.75 5.00
Ì	lambs rufy go	ນ 238	-	Neroli oil, NF Franch Bigarade, bots	ፍደስ ብቤ	-
1	80 90 seri, hunks, refy		-	) IUNISIBO, DOUS Idea 1	150.00	1650.00
USF	145-155 visi, tanks, rely ga 180-190 visi tanks, rely ga		-	Nerolidol syn. 55-gal. dms. lb. Nerolin, Bromelin. klio	7.05 7.22	-
	200-210 vis . Lauka, roly 68	ա 2 56	Ξ	Niacinamide, USP, t.l. dms kilo. Niacin NF, dms . 5,000 idios or more,	8.00	-
Mene	340 350 visi tanks, rely — ga Pral spirits politoleum, odorles	اد 265 د	-	I DIVO MA	7.50	-
1	tanks. New Jersey ga	183	1 88	leed-grade, 98-99.5%, bgs., same basis	5.10	5.50
Mine	Houston Tex — ga Ital spirits, politoleum regula	al 1.78 7.	1.79	Nickel acetate, dms., 5,000-lbs. to t.l.,		0.00
1	lank's flow Jerseygs	ป 141	1 49	divd E	1.82	-
Moty	detate orange life	1 1 5 2	1 43 1 95	lbs. to t l., divd. E., lb. Nickelchloride, bgs., 10,000-lbs. to t l.,	3.45	-
Mol	distrough metal com L powd 93 B . dass works		_	divd. E	1.19	-
Mol	ybdenob krovije CP dris		-	Nickel fluoborate, liq. conc., dms., t.i., dlvd E	1.25	_
100	works, 24 (00) to, or none to the cheene at days, 24 (nature, c		-	Nickel metal, electro cathodes, cs., worksb.		
ì	more, bases in	265	2 85	Nickel nitrato, dms., bgs., t.i., divd.	3.45	-
Mody	th metalorge, 4 dio , ir prioters, a debo acid (bee Armo acim Digas)	vixiale)	2 85	E	1.18	-
Mon	loāmnionium phasphato fer grado, min 3 % N 52%, J	į		lb. lois, i o.b. warks lb.	2.60	_
ĺ	bulk, of fob Fla			Nickel suifate, bgs., t.l., divd. E lb. Nicotinic acid (see Niacin).	.80	.90
Mon	works to Uammonum phosphate, tech	n 155 00	•	Nicotinamide (see Niecinamide). Nitric acid, 36° Be., 38°Be, 40°Be.		
	bus Cl. 11, works fr	1		42°Be tanks, c.l., works NF,		
fre	ospasid 1008r Sloptado, bajs , r L, EL, samo ta	n 54.00	-	94\2% to 98% HNO, tanks, works,	195 00	-
	has 100 km or bet budyl microsol, bulk 11 ill	. 49.25		100% basis	280.00	-
More	obulykurom bob divi	o 96	1.00	works	1.51	-
Mon	exhibition obstacid, part (see Ch exhibition observed, lanks, forb - h	lornacotic acid 3 42%	l, monu)	molten, reld., tanks, works lb. molten, tech., works lb.	1.44 1.37	Ξ
Mon	oothgestamine, tanks, lit. alli	1	-	o-Nitroantine, orange toner, bgs., frt. elid	1.90	_
Мон	E Dothylamano, 700-, napueous tanks	)43 L	.48	p-Nitroan@ne, dms., c.l., t.l., 30,000 fb.		_
	fit prepayt 100°-basis - it	.94	-	min., works ib. o-Nitroanisole, 100-kilo lots kilo	1.63 8.75	Ξ
Mixte	ityd , fudks, samo (meg	t	-	Nitrobenzene, (anks, f.o.b lb. o-Nitrochlorobenzene, dms., t.f., c.f.,	.33	.34
lor	akt t	.76	-	f.o.b	.82	-
Mon	m, anno ease Binh , bying , animalyyo gorio		-	torks, same basis ib. 2-Nitro-p-crosol, tech., dms., t.i., irt.	.74	-
tor	Ci, iri propad		-	alid	1.7 <b>5</b> 2.50	-
Mon	aunthylaminn, arinyd , tanka, con	<b>.</b>		Nitrogen solutions, direct application,	2.00	-
1 :	dinod kase ist equal). As 25° rah, Tukka, Ist alid 1009	54\\\\	-	ovor 32% N, and mgf. type, worksunit-ton.	1.20	~
Į.		57	-	direct application, 19-32% N unit-ton.	1.26	1.48
1	dougle in tenks, fri og deld di	.631/2	-	Mitrogenous sewage sludge, proc-	1.20	
Minn	99), amiliani deriminale dua 1990 Ricci masso, fri, 1940	2.50	_	eaed, bulk, f.o.b. Chicagounition.	4.10	-
Mon	inciden glutamala, 50 fb. bgs		50	NOTE: Price is per unit NH, plus \$1, per o producer,s works, Chicago.	unit a.p.a.	. bulk, f.o.b.
		85	.80	Nitrogenous tenkege, processed, bulk, per unit-ton NH ₂ , f.o.b. Carrol-		
Mont	ગ્યામભાષા મુનેષ્ટા ગામેના છે (કેવલ સેઇઇસ્પાનો	pho <b>sphala,</b> mo	nobasic) .57	per unit-ton NH ₂ , f.o.b. Carrot- ivite, Wisounit ton	7,00	_
(	auwas, woka, mp., demin . 10 kus., Cast., byg., at., tt. to b		.07	J. CO.D. FORDOS. MG LANK TOR '	6.75	
refe	digit pi	81	<b>.</b>	oxpanded, bulk, c.l., per unit-ton N, f.o.b. Forrestdale, R.l. unit ton Nitromethene, dme., Ll., dvd. E ib.	8.35	
Worth	hkm alkaloki, NF, 25 k lata 🗀 kila	1018.00		o-Nilmonhanol, dima., I.O.D. WORKS IV.	2,37 1.00	
Morp	hino sullatu, 1199, 25 k lota kilo hukna, dans o.l., fri kilo, E lb.	1.02	-	p-Nitrophenol, drns., c.i., r.o.o.	1.05	1.46
LAN	ks, lit nad , E	.94	-	9. Milroorocano, tanka, ITL 880. C (G.	.59 1.15	
Manik	syn., amkrutta, 26-lb. cns lb.		7.00	m-Nitrotoluene, tech., drise, tr. and, to.	.85	ا پر
Musk	syn., kelone, dars	10.75 3.60		tants, same pass	48	. 57
Musi	iird uii, byn, (ago Allyl isothlocyani	(10).		tanks, works	.83 .70	.85
l Cav	ardseod, Brown No. 1 lb. Dadian No. 1 Yellow lb.	28	ا ا	tanks, works. Nonytphenol, tanks, f.o.b, E. of Rock	40	
١ ٧	)riental No. 1 bos	25	-	IOS, MIN. III. MUV.	.49 XODUNDIA	mkie hy
Myris	tic acid, comi., pure, t.l., bgs lb.	1.30	٠٠٠٠ ج	Nonephédrine hydrochlonde (see Primys drochlonde) Numisig of, dist. East inclain, NF, dite		
t Mousia	ks		. Visia 1	Nutrineg Ot, CEST, ESST MOVEM, Idio 2	7.00	28.50
Myrri	gum, bgs	2.25		Numege, East Indien, whole:	r.80 :	3.99
					gira (	
				A	ĸŔŰ.	
		$g_{\theta}(f,s) =$			- 435 - 3	
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Naphi	ha, high solvency (see Bolvent na	phiha, petrolik	<b>m</b> )	Octore face from paide, yeaktw., rest.) Control for months and ores. Control of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of t		e e
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	TABLE SENDON CONTINUE AND	. 66	1	Consol Str. tanks 104	70	
. н	custon, Tex halone, crude, dom, 78°, lanks,		等於漢	A COMMITTEE TO SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE SEE THE	35	
Naphi	helene, crude, dom., 78°, lenks,		7-10-10-10-10-10-10-10-10-10-10-10-10-10-	Cotyl decirci, perfumer a grade justical	10	76 P
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Neni	brade, tanke, works.	100	and I	ar contamine one of the 1909.	OO 13": T.	
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	trainere principile signification of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of			Carriprianol, moltani Logi		78W 1- Pe
NACHI	HERETE TOP BEET BEICE GINES	, k	7	Official of Control	10 F	P
	secords	<b>注题图</b> 标识	்கு அடி		A	<b>289</b> 6 - 31 d d

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WEEK ENDING SEPTEMBER 5 1986

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. (	Oleum (see Sulfuric acid, furning).		
- I	Olicenum cum, tears, box	2.10	_
asof I	Olive Cit. 60/019, 50 anitah, ding nai	8.00	-
.20.	IRMAN B-IVDS Ool	5.35	_
	CHYME, Crude, works	12.00	_
- 1	zu mesh, works ton	15.00	-
- 1	100 mesh, works lon	20.00	-
	Optum, USP, gran. powd. 25-kito		
	1015	125.00	_
	Orange oil, expressed, USP, Calil.,		
i	GMS., (.C.D. dign(	1.20	_
5	expressed Valencia dine in	1.00	1.20
0	Calif., dist., cns. f.o.b. prant ib.	.40	_
_	monds, dris.	.60	.55
<b>X</b> 0	i Braziliankilo	1.20	-
	West Indian, bitter, NF X, Chs.,		
	dmalb.	6.60	-
	I Vranca pael, bittar, Hairlan bis ib.	.38	-
	Oregano, Greece, 30M b	2.25	_
	Turkeyib.	2.25	-
	Mexico	1.05	-
	Origenum oil, Spanish, cns kilo	35.00	_
50	Ords root, Florentine, bis	4.00	-
	powd., bbls., bxs	4.60	5.00
•	Verona blalb.	3.00	-
	powd., bbls., bxslb.	4.60	5.00
•	Ouricury wax, refd., pure, bgs fb.	3 25	3.35
	Oxalic acid, bgs., c.i. works ib.	.44	-
•	b-Oxynaphtholc acid dms. works.		
	tech	2.55	-
•	Oxyquincline base, pure, 1,000 tos.		
_	1 /ri. alid	8.00	-
-	Oxyquinoline sulfate, 100 lbs. frt.		
_	alid	4.00	-

ı			
	1 4		
	Palladium metal, works Troy-oz	150.00	`
	Palmoli, (see Olla, Fats & Wexes Mark		
	Palm oil acid, dbl-dist, dms ib.		
	tanks		
	a.d., dms		
	tanksb.	.35	
	Palm kernel oil, bulk, c.Li., U.S.		
	dib.	10	
	Palmarosa off, Indian drns kilo	36.00	-
	Paimitic acid, 90%, tech., bags lb.	.53	-
	tanks	.51	-
	Papaverine hydrochloride, NF powd.,	50.00	
	Provide Library 100 414 box	56.00 .80	_
	Paprika, Hungarian, 100 AU bgs ib. Spanish, 110 AU bgs ib.	.80	_
	Paratin, luky-reld., 127-130 F., ASTM,	.80	_
	tanks, refy	.29	.36
	130-135 F., ASTM, (Brike, rely.	.334	
	140-145 F., ASTM, tanks, refy.	.35	.41
	150-155 F., ASTM, tanks, refy.	411/2	.46
	alack wax, 5% oil, tanks refy	.19	-
	12% oil, tanks rely	.21	-
	20% oil, tanks refy	18	<b>-</b>
	AMP temperatures are an arbitrary 3F his	ther than	ASTP.
b.	Paraformaldehyde, 91%, flake, bgs.		
.IJ.	cl, tl, dvdb.	.291/s .391/s	-
	95%, powd., ogs., c.t., t.i. dvd. b.	.3372	-
	Paraldehyde, tech., 98%, 55-gal. dme., Ll., divd. E	.781/2	
: '	tanks, dvd. E	5814	_
	Parathion, ethyf, dms., frt. alid ib.	1.75	_
·.	Parathlon methyl (see Methyl parathlon).		
: '	Pera toner red, bbis	3.76	-
	chlorinated (red 4) kgs	3.75	<b>-</b> ·
	Patchouli oii, Indonetian., dras kilo	20.00	22.00
· ]	- Pauch karnel (M. USP (988 ADMCOUKBITIEF))	Ŋ.	
, J	- Pagrus magi <i>lag</i> e Olia, Fata J. Waxes merki	Stroport).	
1	Peanut of (see Oils, Fats & Waxes market r	eport).	
٠J	Pectin dom., NF, clirus, powd., 100-	3.30	9.70
. [	kilo lots divol	J.30	3.70

Pelargonic acid, net., tanke, min. in.
aid. ib.
syn., tanke, Lo.b. in. aid. ib. syn. lenke, f.cb. fr. als6. b. 70
Peniciin, potassium, non-steriie, 200bilion-uriti lots. bilionatriis 20.00
Peniciini, proceirie, ateriie 50-bilionatriis
Peniciini, proceirie, ateriie 50-bilionatriis
Peniciini, proceirie, bilionatriis
Peniciini, proceirie, bilionatriis
Peniciini, bilionatriis
(b. 5.90-peniciini), tech. bilionatriis
(c. b. Wichile, ken. 16. 6.90-c.l., f.c.b., ft. als6. 6.90-c.l., f.c.b., ft. als6. 71
Penicerythritoi, del and tri-isonteira (see Dipenicery
Tripenicerythribo).
Pentaerythritoi (riecrylats, j.l. dins. .55 1.50 7,00

Tripeniserythritol.
Pentaerythritol triscrytaris. I.I. dms.
Lob. works.
Pentobarbital dme. 100 lbs. or more.
In. ald.
Pentobarbital dme. 100 lbs. or more.
In. ald.
Pentobarbital sodium, dme. 100 lbs.
or more. dNo.
Ib.
Pentobarbital sodium, dme. 100 lbs.
or more. dNo.
Ib.
Pentobarbital sodium, dme. 100 lbs.
Ib.
Peptor, black, Brazilian, bgs.
Ib.
Lampong, bgs.
Ib.
Peptor miller, bgs.
Ib.
Peptor miller, dutificure, bgs.
Peptor miller, Millintole, bgs.
Peptor miller, Millintole, bgs.
Peptor miller, Millintole, bgs.
Ib.
Peptor miller, Millintole, bgs.
Ib.
Millintole, Maddras.
Ib.
Millintole.
Ib.
Isyl., drys. Lob. Works.
Ib.
Isyl., drys. Lob. 14.00 32,00 1,99 2,03 1,99 2,30 76 76 70 2,80 1,00 2,85 14,00 15,00 11,00 7,00

	Agendada Sciences	
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	3	
E4.		
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V, same basis ib 49  v, same basis ib 49  v, same basis ib 49  vo 51% sulfonic coment 2c per ib. lower on opending molecular wita.  in USP, powd., 200-lib. dma.,	P P P P P P P P P P P P P P P P P P P	Primalocyanine biue toner, water dispersable, bbis., same basis.  Primalocyanine green toner, alligrades, bbis., 171. alld. E. of Rockles.  Primalocyanine green toner, rasinated, bbis., same basis.  Pricolacid, pure paste, 25-b. cins. kilo.  Pricolacid, pure paste, 25-b. cins., cl., dry basis, f.o.b. Charlotte, N.C.  Bottonic, paste, 25-b. cins., tl., dry basis, f.o.b. Charlotte, N.C.  Pricolacyanine green B, kgs.  Pricolacyanine green B, kgs.  Prinene, perfume grads.  Priperazine, anhyd., dms., t.l., frt. alld.  Bottonic, t.l., tr. alld.  Bottonic, t.l., tr. alld.  Priperazine direte, 36%, dms., t.l., frt.  alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Priperazine direte, 36%, dms., t.l., frt., alld.  Briperazine direte, 36%, dms., t.l., frt., al	7.45 6.61 2.81 6.00 5.00 2.20 600.00 2.60 14.50 47.00 51.00 1.82 1.80 2.25 2.00 1.60 1.80 6.92 5.00	10.10 9.20 - - - 000.00 - 53.00 54.00 - 23 -40 - 2.35 - -	works., irt. equald	.90 1 20 18 00 20.00  1 06 - 1.12 - 15.40 - 20.65 - 32.50 - 38.40 - 34.90 - 33.7040 .46 .14½3040 - 105.00 - 1.126767676867686868686868696969696969696969696969696969696969696969696969696969696969696969696969696969696999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999 -	dms same basis h. 1.15 Potassium tetratorate powder 15c per ton higher Potassium titlocyanate. USP, cryst., 225-lu. dms. 5-dm lots lb. 4.01 tech. cryst. dms. 11
Rendered September 5, 19  Ritylane, dry cleaning grade, str., tanks, dlvd. lb. grade, consumers, tanks, lvd. lb. grade, consumers, tanks, lvd. lb. 31  drs. lb. 31  drs. lb. 31  drs. lb. 35  an rod 2B, (red 48), calcium elis, dms., frt, alld. lb. 5.25  salts, same basis. lb. 5.25  salts, same basis. lb. 5.25  oil, Paraguay. lb. 3.25  oil, Paraguay. lb. 3.75  ely. lb. 310  oit, vivite, dms., c.l., rely. lb. 375  ely. lb. 310  oit witte, dms., c.l., rely. lb. 370  m, USP, Lilly writte, tanks, lb. 365  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  ely. lb. 305  ely. lb. 305  ely. lb. 366  ely. lb. 366  ely. lb. 366  ely. lb. 346  ely. lb. 366  ely. lb. 370  ely.	98 PP PP PP PP PP PP PP PP PP PP PP PP PP	bbls., frl. alid. E. of Hock- les b.  Phihalocyanine green toner, rasinated, bbls., same basis b.  Phihalysulfacetamide. dms., 500 - kilo bis. kilo.  Picotines. refd. mixed. bulk. kilo.  Rocardo basis, f.o.b. Charlotte. N.C. b.  Picotines. c.b. charlotte. N.C. b.  Picotines. c.b. charlotte. N.C. b.  Picotines. kilo. content.  bulk. f.o.b. works 100 lbs.  dms. c.l. t.l., same basis. 100 lbs.  dms. c.l. t.l., same basis. 100 lbs.  Pinene, perfumery grade. tanks. kilo.  tech. grade. b.  Piperazine, anityd., dms., t.l., frt. alid. b.  Piperazine citrate, 36% dms., t.l. frt. alid. b.  Piperazine hexahydrochloride, 53% dms., t.l. tr. alid. b.  Piperazine hexahydrate. 44%, dms., t.l., tr. alid. b.  Piperazine hexahydrate. 44%, dms., t.l., tr. alid. b.  Piperazine hexahydrate. 44%, dms., t.l., tr. alid. b.  Piperazine hexahydrate. dws., cms., t.l., tr. alid. b.  Piperazine hexahydrate. dws., cms., t.l., tr. alid. b.  Piperazine hexahydrate. hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.  Piperazine hexahydrate. b.	7.45 6.61 2.81 6.00 5.00 2.20 500.00 2.1 14.50 47.00 51.82 1.80 2.25 2.00 1.60 1.80 6.92 6.00 671.00	10.10 9.20 - - - 000.00 - 53.00 54.00 - 23 -40 - 2.35 - -	Potassium bromate, gran., powd 200-lb. dms., ct., 1 o.b. works lb. Potassium bromate, NF., gran. dms., ct., 1.o.b. works lb. Potassium bromide, NF., gran. dms., ct., 1.o.b. works lb. Potassium carbonate, fiq., 47°-5 K ₂ CO ₂ . tanks, t.w., works 100 lbs. dms., ct., tt., works 100 lbs. caicned, 99-100% K ₂ CO ₂ . hopper c a r s or trucks. works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., works 100 lbs. bgs., ct., tt., tt., tt., tt., tt., tt., tt	1 06 - 1.12 - 15.40 - 20.65 - 32.50 - 38.40 - 34.90 - 33.7040 .46 .14½3040 - 105.00 - 1.126767 -	tech, cryst, dins., if b 62 Potassium titanate, ctns c.l., works b 714; Potassium titanum fluoride, tech, dris., if. yorks, fr. equaldib. Potassium-zucumum fluoride, tech, dris., if. yorks, fr. equaldib. Potassium-zucumum fluoride, tech, dris., if. yorks, fr. equaldib. Prednissium-zucumum fluoride, tech, sequaldib. Prednissione ocetate, USP, dris., skitos or inore gram 1.03 Prednissione netate, USP, dris., 5 kitos or inore gram 1.12 Prednissione, nnhyd., USP, dris., 5 kitos or inore gram 1.12 Prednissione, nnhyd., USP, dris., 5 kitos or inore gram 1.12 Prednissione, nnhyd., USP, dris., 5 kitos or inore gram 1.12 Procame hydrochtoride, USP, antibliotic grade, dris., 2,000-lb. lots, fr. allii lb. 4.95 Dropionalrichyde, tanks, l., b. lb. 35½ Propionic acid, syn , puro, tanks, dvd. b. 7.000-lb. lots, frt. allii lb. 1 b. 35½ n.Propyl aciate, tanks, dvd. b. 33½ n.Propyl gellate dris., 100 to 2,000-lb. lots, dlvd lb. 11.50 n.Propyl-p-hydroxybonzoate, USP, 500 kilos kilo 10.80 tech, 500 kilos, f o b. kilo 10.80
Rendered September 5, 19  Ritylane, dry cleaning grade, str., tanks, dlvd. lb. grade, consumers, tanks, lvd. lb. grade, consumers, tanks, lvd. lb. 31  drs. lb. 31  drs. lb. 31  drs. lb. 35  an rod 2B, (red 48), calcium elis, dms., frt, alld. lb. 5.25  salts, same basis. lb. 5.25  salts, same basis. lb. 5.25  oil, Paraguay. lb. 3.25  oil, Paraguay. lb. 3.75  ely. lb. 310  oit, vivite, dms., c.l., rely. lb. 375  ely. lb. 310  oit witte, dms., c.l., rely. lb. 370  m, USP, Lilly writte, tanks, lb. 365  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  ely. lb. 305  ely. lb. 305  ely. lb. 366  ely. lb. 366  ely. lb. 366  ely. lb. 346  ely. lb. 366  ely. lb. 370  ely.	98 PP PP PP PP PP PP PP PP PP PP PP PP PP	bbis., same basis. 10.  Phihalyisulfacetamide. dms., 500- kilo bots. kilo.  Picolines, reid, mixed, buik. kilo.  Itech., paste, 25-b. ctas., t.l., dry basis, f.o.b. Charlotte, N.C. b.  Picolines, paste, 25-b. ctas., t.l., dry basis, f.o.b. Charlotte, N.C. b.  Picolines, paste, 25-b. ctas., t.l., dry basis, f.o.b. Charlotte, N.C. b.  Picolines, paste, d. dr. b.  Pinento see Alispice  Pinento s	6.61 2.81 6.00 5.00 2.20 600.00 2.4 47.00 51.00 1.80 2.35 1.80 2.25 2.00 1.60 1.80 6.92 6.90 671.00	9.20 - - - 000.00 - 53.00 54.00 - 23 .40 - 2.35 - -	200-lb. dms., c.l., 10.b. works. lb. Potassium bromide, NF., gran., dms., c.l. 1.o.b. works. lb. Potassium carbonate, iq., 47°5, K ₂ CO ₂ , tanks, t.w. works. 100 lbs. dms., c.l., t.l., works. 100 lbs. calched, 99·100°5 K ₂ CO ₂ , hopper cars or trucks. 100 lbs. bgs., d.l., t.l., works. 100 lbs. bgs., d.l., t.l., works. 100 lbs. bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l., bgs., c.l., t.l	1.12 15.40 20.65 32.50 36.40 34.90 33.7040 .46 .14½3040 105.00 1.1267	works
Rendered September 5, 19  Ritylane, dry cleaning grade, str., tanks, dlvd. lb. grade, consumers, tanks, lvd. lb. grade, consumers, tanks, lvd. lb. 31  drs. lb. 31  drs. lb. 31  drs. lb. 35  an rod 2B, (red 48), calcium elis, dms., frt, alld. lb. 5.25  salts, same basis. lb. 5.25  salts, same basis. lb. 5.25  oil, Paraguay. lb. 3.25  oil, Paraguay. lb. 3.75  ely. lb. 310  oit, vivite, dms., c.l., rely. lb. 375  ely. lb. 310  oit witte, dms., c.l., rely. lb. 370  m, USP, Lilly writte, tanks, lb. 365  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  ely. lb. 305  ely. lb. 305  ely. lb. 366  ely. lb. 366  ely. lb. 366  ely. lb. 346  ely. lb. 366  ely. lb. 370  ely.	98 PP PP PP PP PP PP PP PP PP PP PP PP PP	lots. Rac.  Ploofines. refd, mixed, bulk kilo Porto acid, pure paate, 25-lb, ctns., c.l., dry basis, f.o.b. Charlotte, N.C. lb.  tech. paste, 25-lb, ctns., t.l., dry basis, f.o.b. Charlotte, N.C. lb.  lech. paste, 25-lb, ctns., t.l., dry basis, f.o.b. Charlotte, N.C., lb.  Ploofinent green B, kgs. lb.  Plocarpine hydrochloride, USP, drns. kilo. 1.  Pimento see Allapice Pimento leaf oil, drns. lb.  Pine oil, 80% min. alcohof content. bulk, f.o.b. works. 100 lbs drns., c.l., t.l., same basis. 100 lbs drns., c.l., t.l., same basis. 100 lbs drns., c.l., t.l., same best grade. lb.  Pinene, perfurnery grade. tanks. kilo tech. grade. lb.  Piperazine, anityd., drns., t.l., frt. alid. E. lb.  Piperazine drhydrochloride. 53%, drns., t.l., frt. alid. lb.  Piperazine bexahydrate, 44%, drns., 1,100-lb, lots, frt. alid. lb.  Piperazine hexahydrate, 44%, drns., 1,100-lb, lots, frt. alid. lb.  Piperazine hexahydrate, 44%, drns., 1,100-lb, lots, frt. alid. lb.  Piperazine drhydrochloride. 53%.  Alio, lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.  Piperazine drhydrochloride. lb.	2.81 6.00 5.00 2.20 600.00 2.0 14.50 47.00 51.00 1.82 1.80 2.25 2.00 1.60 1.80 6.92 671.00	- - - 000.00 - 53.00 54.00 - 23 - 40 - 2.35 - -	c.i. f.o.b. works 0.  Polassium carbonate, fiq. 47° 5 K ₂ CO ₂ .  tanks, t.w., works 100 lbs. dms. c.i., i.i., works 100 lbs. calched, 99·100° 6 K ₂ CO ₂ , hopper c a r s o r t r u c k s , works 100 lbs. bgs., c.i., t.i., works 100 lbs. bgs., c.i., t.i., works 100 lbs. Potassium carbonate, hydrated, 83- 88° 5 K ₂ CO ₂ , dms., c.i., t.i., works 100 lbs. Potassium carbonate, gran., purif., 400-lb. dms., 5-dm. lois lb. Potassium carbonate, cryst., dms., c.i., works lb. powd., dms., c.i., chemical grade, 99.95° 5 KCi, bulk, c.i., f.o b works ton USP cryst. dms., ib. USP powd., dms., ib. Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po	15.40 - 20.65 - 32.50 - 36.40 - 33.70 - 40 .46 .14½ - 30 - 40 - 105.00 - 1.12 - 67 - 67 - 67	Polassum-zromum farorido, tech., dnts. 1 1 works frt., equalit
Rendered September 5, 19  Ritylane, dry cleaning grade, str., tanks, dlvd. lb. grade, consumers, tanks, lvd. lb. grade, consumers, tanks, lvd. lb. 31  drs. lb. 31  drs. lb. 31  drs. lb. 35  an rod 2B, (red 48), calcium elis, dms., frt, alld. lb. 5.25  salts, same basis. lb. 5.25  salts, same basis. lb. 5.25  oil, Paraguay. lb. 3.25  oil, Paraguay. lb. 3.75  ely. lb. 310  oit, vivite, dms., c.l., rely. lb. 375  ely. lb. 310  oit witte, dms., c.l., rely. lb. 370  m, USP, Lilly writte, tanks, lb. 365  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  eam, dms., c.l., rely. lb. 366  ely. lb. 305  ely. lb. 305  ely. lb. 366  ely. lb. 366  ely. lb. 366  ely. lb. 346  ely. lb. 366  ely. lb. 370  ely.	98 PP PP PP PP PP PP PP PP PP PP PP PP PP	dry basis, f.o.b. Charlotte, N.C. Ib. tech. paste, 25-b. ctrs., t.l. dry basis, f.o.b. Charlotte, N.C. Ib. els., f.o.b. Charlotte, N.C. Ib. plographing green B, kgs. Ib. plocarpine hydrochloride, USP, drins. Idlo, 1. planento see Allspice planento see Allspice planento see Allspice planento see Allspice planento see Allspice planento see Allspice to Ib. lob, min. alcohol content. bulk, f.o.b. works. 100 lbs drins. c.l., t.l., same basis. 100 lbs drins. c.l., t.l., same basis. 100 lbs planene, perfurne grade. kilo tech. grade. Ib. planene, perfurnery grade. tanks. kilo tech. grade. Ib. planene, perfurnery grade. tanks. kilo tech. grade. Ib. planene, perfurnery grade. tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. Ib. planene, tanks. It. pl	5.00 2.20 500.00 2.0 14.50 47.00 51.00 1.82 1.8 2.30 3.35 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	- - - 53.00 54.00 - 23 -40 - 2.35 - -	dms. C.I., II., works. 100 lbs. calched, 99-100% K ₂ CO ₂ , hopper c a r s or r u c k s. works 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgrain. 325-lb. dms., I.o.b. shipping point 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., bb. works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs., c.I., II., works. 100 lbs. bgs.,	20.65 -  32.50 - 36.40 -  34.90 - 33.7040 .46 .14½3040 -  105.00 - 1.12 - 6767 -	Cquali
kitylene, dry cleaning grade, str., tenks, dvd. lb. grade, consumers, tanks, vd. lb. grade, consumers, tanks, vd. lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 31 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32 lb. 32	98 PP PP PP PP PP PP PP PP PP PP PP PP PP	tech. paste, 25-fb. ctrs., t.l., dry basts, 1.o.b. Charlotte, N.C., ib. als, 1.o.b. Charlotte, N.C., ib. program pere B, kgs. ib. procarpine hydrochloride, USP. dms. kilo. 1. Almento see Allispice amento leaf oil, dms. ib. almento leaf oil, ib. almento leaf oil, dms. ib. almento leaf oil, ib. almento leaf oil, ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil, dms. il. ib. almento leaf oil oil, dms. il. ib. almento leaf oil oil oil oil oil oil oil oil oil oil	5.00 2.20 500.00 2.0 14.50 47.00 51.00 1.82 1.8 2.30 3.35 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	53.00 54.00 23 .40 - 2.35 - -	caiched, 99-100% K ₂ CO ₂ , nopper cars or frucks, works 100 lbs. bgs., al., ll., works. 100 lbs. bgs., al., ll., works. 100 lbs. bgs., cl., ll., works. lb. potassium carbonate, cryst., dms., cl., works. lb. powd., dms., cl., works. lb. powd., dms., cl., works. lb. portion chloride, chemical grade. 99.95% Kcl., bulk, cl., lo b works. ton USP cryst. dms., lb. USP powd., dms. lb. USP powd., dms. lb. Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural (see Po Potassium chloride, agricultural).	36.40  34.90  33.70  .40 .46  .14½  .30  .40  105.00  1.12  67  67	Predivisolone acetate. USP, dms. 5 kitos or inore
sir. tenks, civid. b. 28½ grade, consumers, tanks, vd	P P P P P P P P P P P P P P P P P P P	Pignant green B. kgs. b. Pignanto see Allapice Pimento see Allapice Bimento see Allapice Bime	500.00 2.0 14.50 47.00 51.00 1.82 1.8 2.30 .35 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	53.00 54.00 23 .40 - 2.35 - -	works 100 lbs. bgs., cl., ll., works. 100 lbs. Potassium carbonate, hydrated, 83- 88% K ₂ CO ₂ , dms., c.l., l.l., works. 100 lbs. bgs., c.l., tl., works. 100 lbs. Potassium carbonate, gran., punt., 400-lb, dms., 5-dm. lots lb. Potassium chlorate, cryst., dms., c.l., works. lb. powd., dms., cl., works. lb. puril., gran. 325-lb. dms., f.o.b., shipping point lb. Potassium chloride, chemical grade, 99.95% KCl. bulk, cl., f.o b works. ton USP cryst. dms. lb. USP powd., dms. lb. Potassium chloride, agricultural (see bulk) USP powd., dms. lb. Potassium chloride, agricultural (see bulk) dms. lb. Potassium chloride, agricultural (see bulk) dms. works. lb.	36.40  34.90  33.70  .40 .46  .14½  .30  .40  105.00  1.12  67  67	Precinisolono, Inhyd., USP, dmis, 5 kilos or moru
grade, consumers, tanks, vd	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris. dris.	14.50 47.00 51.00 1.82 1.8 2.30 .35 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	53.00 54.00 23 .40 - 2.35 - -	88% K ₂ CO ₂ , dms., c.l., l.l., works. 100 lbs. bgs., c.l., l.l., works. 100 lbs. bgs., c.l., l.l., works. 100 lbs. Potassium carbonate, gran., puril., 400-lb. dms., 5-dm. tots lb. powd., dms., c.l., works lb. powd., dms., c.l., works lb. powd., dms., c.l., works lb. puril., gran. 325-lb. dms., f.o.b., shipping point lb. Potassium chloride, chemical grade. 99.95% KCl. bulk, c.l., f.o b works lb. USP cryst. dms lb. USP powd., dms lb. USP powd., dms lb. Potassium chloride, agricultural (sae he compared to the	33.7040 .46 .14½3040 -  105.00 - 1.12 - 6767 -	Procame hydrochloride, USP, antiblotic grade, dms. 2,000-lb, lots, frt. alit
Ims. b. 2.55 I red 2B, (red 48), calcium bls, dms., irt. alid. b. 5.25 Ind., dms., irt. alid. b. 5.25 Ind., c.b. b. 5.25 Ind., c.b. b. 5.25 Ind., c.b. b. 5.25 Ind., c.b. b. 5.75 Ind., preguay. b. 375 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 386 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b. 375 Ind., preguay. b	P P P P P P P P P P P P P P P P P P P	Pine oll, 80% min. alcohot content. bulk, Lo.b. works	47.00 51.00 1.62 1.8 2.30 3.5 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	54.00 23 .40 - 2.35 - -	bgs., c.l., t.l., works. 100 lbs. Potassium carbonate, gran., purif 400-lb. dms., 5-dm. tots lb. Potassium chlorate, cryst., dms., c.l., works. lb. powd., dms., c.l., works. lb. poril., gran. 325-lb. dms., f.o.b. shipping point lb. Potassium chlorate, chemical grade, 99.95% KCl. bulk, c.l., f.o b. works. ton USP cryst. dms. lb. USP powd., dms. lb. USP powd., dms. lb. Potassium chloride, agricultural (see Po Potassium chromate, purif., cryst., dms., works. lb.	33.7040 .46 .14½3040 -  105.00 - 1.12 - 6767 -	lots, frt. allul   lb.   4.95   5.76     Procaine hydrochloride   USP, iniquide grade, tims   1,000     lb. lots, frt. allul   lb.   4.95   5.50     Propionalrichyde, tanks, lo.b   lb.   3.35½   -     Propionalrichyde, tanks, lo.b   lb.   3.30½   -     Propionalrichyde, tanks, lo.b   lb.   5.35½   -     In-Propyl alcohol, tanks, divid   lb.   5.35½   -     In-Propyl alcohol, tanks, divid   lb.   5.35½   -     In-Propyl gallate dims   100 to 2,000   lb.     In-Propyl-p-hydroxybonzoate, USP   500 kilos   Lb.   10.80   -     tech   500 kilos   Lo.   10.80   -
dis, dms., frt., alid	P P P P P P P P P P P P P P P P P P P	dms., c.l., t.l., same basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 100 lbs basis 1	51.00 1.82 1.18 2.30 .35 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	54.00 23 .40 - 2.35 - -	400-lb. dns., 5-dm. lots lb. Potassium chlorate, cryst., dms., c.l., works	.14½3040105.001.126767	Ib. lots, frt. alld   lb.   4.95   6.50
oil, Paraguay b. 5.75 6.  n. USP, snow white, dms. l., reiy b. 375 oily. b. 310 oily. b. 310 oily. b. 310 oily. b. 375 oily. b. 375 oily. b. 375 oily. b. 370 n. USP, Lilly white, tanks, siy. b. 365 eam, dms., c.l, reiy. b. 365 eam, dms., c.l, reiy. b. 365 eity. b. 30 oily. b. 365 eity. b. 30 oily. b. 365 eity. b. 30 oily. c.l, reiy. b. 365 eity. b. 365 oily. b. 365 o	P P P P P P P P P P P P P P P P P P P	a-Pinene, perfurne grade	1.80 2.25 1.80 2.25 2.00 1.60 1.80 6.92 5.00 671.00	.40 - 2.35 - -	powd., dms., c.l., works b. puril., gran. 325-lb. dms., f.o.b. poiasskim chloride, chemical grade. 99.95% KCI. bulk, c.l., f.o b works ton USP cryst. dms lb USP gran., dms lb USP powd., dms lb Potassium chloride, agricultural (see B- Potassium chromate, purif., cryst., dms., works lb.	.30 - .40 - 105.00 - 1.12 - .67 -	Propionic acid. syn , puro, tanks, divd.
L, refy b. 375 ety ib. 375 ety ib. 310 ift white, dms, c.l., refy b. 375 ety ib. 310 ift white, dms, c.l., refy b. 375 ety ib. 310 ift white, dms, c.l., refy ib. 370 ift white, dms, c.l., refy ib. 370 ift yellow, dins, c.l., refy ib. 365 ety ib. 365 ety ib. 350 ety ib. 350 ety ib. 365 ety ib. 365 ety ib. 365 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib. 386 ety ib.	P P P P P P P P P P P P P P P P P P P	tech grade tanks ib.  2iperazina, anhyd., dms., t.l., frt. alid.  2iperazina citrate, 36%, dms., t.l., frt. alid.  2iperazina citrate, 36%, dms., 1,100  3ib. lots, frt. alid ib.  2iperazina dahydrochlorida, 53%, dms., t.l., frt. alid ib.  2iperazina hexathydrate, 44%, dms., t.l., frt. alid ib.  2iperazina phosphate, 42%, dms., t.l., frt. alid ib.  2iperazina phosphate, 42%, dms., t.l., kito.  2iperazina phosphate, 42%, dms., t.l., trt. alid ib.  2iperazina phosphate, dms., dlvd. E ib.  2iperazina phosphate, divd. E ib.  2iperazina phosphate, di	.35 1.80 2.25 2.00 1.60 1.80 5.00 671.00	.40 - 2.35 - - -	shipping point be potassium chloride, chemical grade. 99.95% KCI. bulk, c.l., 1.0 b works. ton USP cryst. dms. ib USP gran., dms. ib. USP powd., dms. ib. Potassium chloride, agricultural (see Po Potassium chromate, purif. cryst., dms., works. ib.	105.00 - 1.12 - 67 - .67 -	n-Propyl acotate, tanks, divd lb53% - n-Propyl alcohol, tanks, dvdb42 .44 n-Propyl gallate dms . 100 to 2,000-b. lots, dlvdlb11.50 - n-Propyl-p-hydroxybenzoate, USP. 500 kiloskilo 10.80 - tech. 500 kilos, f o b .kilo 10.86 -
white, dms, c.l., refy b 370 n., USP, Lilly white, tanks, fy b 305 am, dms, c.l., refy b 305 am, dms, c.l., refy b 305 am, dms, c.l., refy b 366 ab, ber, dms, c.l., refy b 350 at yellow, dms, c.l., refy b 350 at yellow, dms, c.l., refy b 350 at yellow, dms, c.l., refy b 365 aber, dms, c.l., refy b 365 aber, dms, c.l., refy b 365 aber, dms, c.l., refy b 345 at yellow, dms, c.l., refy b 346 about a 346 aber, dms, c.l., refy b 347 ame basis b 48 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 49 arme basis b 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 blat-sodium, NF, 500 bla	P P P P P P P P P P P P P P P P P P P	E. b. Diperazine citrate, 36%, dms. 1,100-b. lots, frt. elid. b. Diperazine dehydrochloride, 53%, dms., 1.1. frt. elid. b. Diperazine hexahydrate, 44%, dms., 1.1. frt. elid. b. Diperazine phosphate, 42%, dms., 1.1. frt. elid. b. Diperazine phosphate, 42%, dms., 1.1. frt. elid. b. Diperazine phosphate, 42%, dms., c.l., t.l., works. klo. Diperazine dist. 98% min., dms., c.l., t.l., works. klo. Diperazine resin. peliets, nat., t.l., frt. elid. b. Diperazine resin. peliets, nat., t.l., frt. elid. b. Dolyester resin. unsaturated, g.p., or-thophthalic, bulk, tankcars, frt. elid. b.	2.25 2 00 1.60 1.80 6.92 5.00 671.00	2.35 - - -	99.95% KCI. bulk, c.I. 1.0 b works	1.12 - 67 - .67 -	No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.
m. USP, Lilly white, tanks, (b)	P P P P P P P P P P P P P P P P P P P	ib. lots, frt. alid	2 00 1.60 1.80 6.92 5.00 671.00	- - -	USP cryst. dms	67 - .67 -	500 kilos kilo 10.80 - tech 500 kilos f a b kilo 10.86 -
eam, dms., c.l., rely.   b.   386 ely.   b.   30 sty yellow, dins, c.l., rely.   b.   350 ely   b.   286 ely.   b.   280 ely.   b.   280 ely.   b.   280 ely.   b.   280 ely.   b.   280 ely.   c.g.    Pi Pi Pi Pi Pi Pi Pi Pi Pi Pi Pi Pi Pi P	Piperazine hexahydrate, 44%, dms., 1,100-lb. tots, frt. alid b.  Piperazune phosphate, 42%, dms., 1.1., irt. alid ib.  Piperdine dist. 98% mln., dms., c.l., 1.1., works kito.  Piperonyl butoxide dms., dlvd. E ib.  Pipethum, metal, works Troy oz.  Polycarbonate reein, peliets, nat., 1.1., ib.  Polyester resyn, unsaturated, g.p., or- thophthalic, bulk, tankcars, frt. alid ib.	1.60 1.80 6.92 5.00 671.00	-	Potassium chloride, agricultural (see Po Potassium chromate, purif., cryst., dms., works	.07 10.	Dengal appakan tena a Dengal a kadan akan anta	
afy b	P P P P P P P P P P P P P P P P P P P	Piperazine phosphate, 42%, dms., 1., Irt. ald	1.80 6.92 5.00 671.00	ļ	drns., works lb.	igsaluririningtor.	Propyl paraben (see n-Propyl-p-hydroxybenzoste) Propyl thiouracil, dms , 50-kilo lots or
ofy. 15. 280  pitch (see Aspheli, petroleum).  48%  49  49  49  49  49  49  49  49  49  4	9 P. P. P. P. P. P. P. P. P. P. P. P. P.	Piperkline dist. 98% min., dms., c.l., l.l., works	5.00 671.00	1		.57 -	more
sulforiste, 85-82%, sulforic nti., HMW, bufk, works ib. 49 same basis ib. 49 same basis ib. 49 same basis ib. 49 r51% sulforic content 2c per ib. lower on conding molecular wits. 1USP, powd, 200 fb. dms., 1000-lb. lots, dwd. ib. 2.20 lms., 1,000-lb. lots, dwd. ib. 2.22 2. lms., 1,000-lb. lots, dwd. ib. 2.00 bital-sodium, NF, 500-kilo ls., 1o.b. works kilo ls., 1o.b. works kilo n. tanks, frt. squald b. sulforic acid, 65% sol'n., ms., cl., fob works ib	9 P	Pisthum, metal, works Troy oz. Odycarbonate resin, peliets, nat., t.l., fn. ald ib. Polyester resin, unsaturated, g.p., or- thophthalic, bulk, tankcars, frt. alid ib.	671.00	-	dms., frt. elid	.93% –	and La. Gulf Coast points . lb 1/9
same basis	914 Orre- P	fri. alid	1 84	-	lots or more, f.o.b. works. Ib. Potassium dichromate (see Potassium	1.32 -	Propylene glycol indust lanks fob lb. 40 41 USP, lanks, f.o b. E lb. 43 44
onding molecular wis.  n USP, powd., 200-lb. dms., 000-lb. lots, divd. ib. 2.22 2.  fms., 1,000-lb. lots, divd. ib. 2.22 2.  fms., cl., 1.o.b. ib. ib.  pital, USP, dms., 500-kilo  ts., f.o.b. works kilo  ts., f.o.b. works kilo  ts., fo.b. works kilo  ts., fo.b. works kilo  n. tanks, frt. equald b.  suffonc acid, 65% sol'n.,  ms., cl., fob works ib.  ame basis. ib. 58  zine, indust. grade, 50-lb.  age, cl., f.o.b. works ib. 2.33  rade, same basis ib. 2.69	15 P	thophthalic, bulk, tankcars, frt. alld	1,04	1.86	Potessium fluoborate, tech., dms., c.l.,	1.40 1.42	Propylene glycot monomethyl ether, tanks divd E
000-lb. lots, divd   b.   2.20		INCOMINATE RAMA hasis Ih	.51	.53	Potassium fluoride, anhyd., dms., t.l.,	1.40 1.42 1.68 -	Psyllium seed USP powd bas ib. 47½
oital, USP, dms., 600-kilo s., f.o.b. works	29	Polyethylene resin, high-density, blow moldling, g.p., hopper cars, frt.	.56	.62	Potassium gluconate, dms., t.i., f.o.b. works	1.45 -	Purnica, dom., fino, 4F-0, bgs, ion ton 270.00
bital-sodium, NF. 500-kilo ts, f.o.b. works	29	alid	.43	.46	Price W. of Denver 4c. per lb. higher. Potassium guaiacolautionate, 300-lb.		medium, 0V ₂ -1V ₂ , bgs., ton lots . ton 300 00 coarse, 2-extra coarse, bgs., ton lots
n. tanks, fr. equald b	a9	cars, irt. alid ib. extrusion, g.p., hopper cars, same	.43	.46 .48	dms., 600 lbs. or more frt. equaldb. Potassium hydroxide, tech. (see Potas	2.10 -	Pumice, imp. Italian, lines, bgs., ton lots 1 o.b. East Coast ton 280.00
ame basis		basis	.47 .45	.48 .49	Potassium hydroxide, USP, pellets, 100-lb. cms., c.l., t.l., works,	ı	medium, bgs., ton lots, I o b. East Coast ton 350,00 -
age, c.l., f.o.b. works lb. 2.33 ade, same basis lb. 2.69		wire and cable, black, same ba-	.55Vz		trt. equald	1.29 1.31	coarse, bqs., ton lots (.o.b. East Coast ton 300.00 - Pyrazolong red (red 38), dms.
	.   F	Polyethylene resin, low-density, film liner, hopper cars, frt alid lb.	.36	-	dms., 1,000-lb. lots divd lb ACS grade truckload lb	. 11.32 13.55	Pyrethrum flowers, tine grd. 0.9%
setate, dms., 100-lb. tota. orksb. 1.04	- [	clarity film, hopper cars, frt., alid	.37	-	Potassium-magnasium sulfate, sto. bgs., works	1 59.00 -	Pyrothyrus, ton lots, irr. alid.ib.  Pyrothyrus, purit., 20% pyrothrins.
tic acid, pure cryst., 25-lb isb 4.50 Inlanine, dms., 25-kilo	-	same basis	.35	-	MgSO ₄ bulk, works to: Potassium metabiaulfate, gran., dms	า 67.00 –	Pyrkling, reld. 2-deg., c.l. works kilo 5.90
-carbethoxy pyrazolone-5,	١.	g.p., hopper cars, same basis . ib.	.38 .38	.42 .42	t.llb Potassium muriate, 60-62.4% min	<b>44 –</b>	Puridoxino hydrochloride, USP, 100
ns. 200-lb, lots, divd. E lb. 3.45 nedlamine, cast, dms., c.l., , f.g.b.works lb. 2.07		Polyethylene linear low-density g.p. resinblown film resin	.36 .40	.40 .43/2	K.O. std., bulk, o.l. frt. equald., f.o.b. Sask.		Pyrites, Canadian 48-50% S.
neciamine, fished, dims., t.l., o.b. works		cast film resin	.40	.45	Canada to: soluble, fine std., f.o.b to: Sask to:		Pyrogalic acid (see Pyrogalici)
enediamine, flaked, dms., o.b. worksb. 4.00	. }	tion molding, g.p., hopper cars, same basis ib.	.45	.48	coarse, f.o.b. Sask	n 49.00 50.00	Pyragallol, 100-15, dms., 1,000-15, 13.70 15
chrine hydrochloride, USP 100-kilo lots or more . , kilo 175.00 185	00	line wire, CATV, power cable lb. wire and cable thermoplastic high- voltage, natural color, same	.847	-	Polassium nitrate, fert, grade, std., 50 ton c.l., divd. SE to	)- n 267.00 274.00	
ryi scetate, dms ib. 3.35 athyi atcohol, NF, dms ib. 2.10 2 athyiamkie, dms., 30,000 lbs.	20	basis	.70	.741/2	tech., gran., bgs., c.l., min. 50 tons	3,	1 (A)
ormore, frt. aldb. 1.50 thylphenyl acetate, 25-lb.	-	14% carbon black, same basis	.671/2		Potassium oxalate, neutral, tech., fin gran., powd., 300-ib, dm., in	G G	
ens	.90	wire and cable jacketing, black ib. Polymyxin sulfate, USP, bulk, 60-billion units min million units	.587 .52	.667 _	equald	o. 2.64 -	Quantin chips
yl-3-methyl-5-pyrazolone, dms., 250-b. lots divd. E b. 1.80	_	Polyoxyethylene sorbitan monos- tearate, dms., 20,000-lb. lots,			c.i., works	b. 1.01 ~ b. 1.06 ~	Quinacridono marcon, oms. 1b. 20.75 20.75 19
iphenol, bgs., 11., 40,000 lbs.	2.00	Polyoxyethylene sorbitan tristearate,		-	Potassium pentaborate powder 15c. Potassium perchlorate, dins. c.	ĺ.,	scalet, drag fet alld b. 21.75 19
or more, worksb. 1.85 vopanotamina hydrochloride, 100-kilo dmkito 24.00 2	- 3.00	dms., 20,000-1b. 101s, worksb. Polypropylene resin, homopolymer,	73	~	works	N-	Quince Boort, 198.
alicylate, purit. cryst., dms., Eb. 2.75	-	g.p., nat., t.l., irt. alidb. copolymer, med. impact, nat.,	45	.48	works	b. 1.09 -	Outging by knotheride, NF, 1,000-oz.
cryst., E	- {	earne besis	53	.56 .60	150-kg. dms., same basis ! Potassium permanganato, USP, 50-l	lb. 1.17 – lb.	Quinine sulfate, USP XVIII. 1.000-oz.
alid	2.05	each grade. Polystyrene resin, cryst., nat., hoppe			kga., works, c.i., t.i		Outnotino, dmb., t.l., frt. equaldlb. 1.49 tanks, samo basisb. 1.43
quantities, works fb	.67	cars, irt. ald	48		plant	vl. 78.80 - vl. 72.50 -	
of mine washed, 66-68% b.p.i. bulk c.l.mines ion 23.15 el, Tampa, same basis ion 28.00	- '	high heat, high impact, hat., hop-pa cars, sante basis	er e		Potaseium pyrophosphate tetrabas bgs., o.t., t.l., works, E.,	ilo, Irt.	
noric acid, com'i, and tech. grades, 75% tanks,		grade, 1,000-b. lots	ig b69	<b>.</b>	equeld 100 li bulk, same basis 100 li	os. 43,75 47,25 os. 46,00 49,50	
works	-	Polyvinyl alcohol, fully hydrolyzed medium viscosity, bgs., t.	b73	3 -	Potassium suicylate, USP, gran., 20 ib. dms., 2,000 lbs. or mo works. frt. alld	re,	2.12
i5%, N.F. tanks, 1.0.b. freight equald	-	partially hydrolyzed, medium visco	15. 1.00 18-	0 1.05	USP, powd., 300-lb. dms., 2,0001 or more, same basis	bs. 1b. 1.42	Racemethionine USP 50-250 8.80
oric acid, agricultural grade, 52-54% a.p.a., tanks,		liy, bga., i.l., divd	ND. 1.05 NO-	5 –	Potassium silicate, soln., 29.8-3 Be., 2.5 ratio, t.c., t.	0.2	250-500 kilos kilo 650
works		polymer dispersion, bgs., t divd g.p. auspension, bulk, same b	No56	•	works	ha 25 GO	Rapassed oil, dms.
orus, white (yellow) solid dms., c.i., works, irt. equald lb. 1.00	-	pipe grade, buik, same basis	lb31 lb41	7	40-40.5 Be., 2.1 ratio, dm	bs. 25,05 -	dms
jonks, works, i.o.b. works . ib	· -	Nim grade, bulk, same basia Polyvinyl chloride, g.p. copolymer o	lb3 dis-	7 47	C.I., t.I., works 100 Potassium silicate, electronics on	lbs. 32.05 -	President LIGE court hole gram.
equald	-	g.p. copolymer suspension, sal basis	me .lb. 4	58 61 45 .49	30-30.4 Be., 2.1-2.2 ratio, t.t., works, 100 dms, cl. 11 works, 100	l.c., lbs. 28.10 -	Resorcinol teats, 1991, 1800, 1800 divid
e bins, sellers 100 lbs. 45.00 horus penioxide, dms., (./.,	-	Turkey, ogs	. ib. 4	49 - 53 -	BOIID or glass, 2.15 ratio, drns.,	C.l., lbs. 53 30	or more, works kilo 9,90
worksb. ,62 norus sesquisufficie, dms., cvs.,	-	Potash sgricultural (see Potassium Potash, caustic liq., 45% basis, tan works	muriete). 146,		solid or glass, 2.5 ratio, dms, c.t., works.	t.L.	Magnification incurrence
works		West Coast, 50% basis, tar	ks.	. i	"Ratio" indicates percentage by percentage by weight of k Potassium allicofluoride, bgs., c.i.	WORKING OF NULL MUMBE	d by Hhodamine red tone works
e, worksib35 carrhydride, flake, c.l., i.l., dine.,		reg. flake, 88-92%, 400-lb. dma., works 100	c.l., Bs. 42:		ττι equalq Potassium-sodium tarirate, NF, o	.lb111/2 1	Buryland Pil. In one
frt. equeld	.335 .305	Potasalum acetale, NF, gran., dms. works E	utl h	90 1.31	Potassium sorbate, t.l. dros. clivri	10. 80 1.2 h 220 21	De la la seria della constanti di la constanti
s 1-1 12c. per lb. higher on the West Coast Imide, fielde, works	-	Polassium bicarbonata: USP or	lib ren	3114	Potassium etannate, dms., frt. alid Potassium sulfate, agricultural gr min. 50% K _s O sid., bulk.	MALE ALA	powd. bge
s. frt. alki. E. of Rockies lb	9.50 8.50	Colosekan hidromale den An	ነው። ሲያ	72 ( 10 m)	ran. 50% K ₂ O sid., bufk j.d.b. works Potessium sulfate, gran., purif. 400	: 1011 180:00 180 1	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
nated, bbls., same basis ID. 9.20 -	875	della al. II works	建品用作	48	dinastra grant punt qui	но. 16. 186	Red Lots
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ate, gran., bgs., c I.	Rice bran oil, refined dims. t.l Ro.	1.25	•
	Ricinoleic acid (588 Castur Da 90.00), up	nti vity	
nte powder 15c per ton higher nate, USP, cryst.	Roofing perch (see Cualta price and other	• •	2020 63
s. 5 dm lots . lb. 4.01	bots	F#-00-0-	3000 00
ato, cins , c.i.,	Rosemary GI, NF, Spanish, Gills Niko	8 75	14 50 15 00
m Huondo, tech /orks. frt. equaldib. 1.24 1.59	Rolenone resin, 30-45%, 100-lb. dms- worksunit-lb	21	2.3
in fluorido, tech., 1 , works, frl.	HAMILIA STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF T	كرب بيدعيا	احندينسيوات
ims, 5 kilos or	A		
nto, USP, dms., 5			
ro			
oru gram 1.12 - oride, USP, antibi-	a total NE grap eghible drift	سسيي	المطبيبي
e, dms., 2,000-lb,	Saccharin NF, gran., sotuble, dms. 1,000-lb. tots, frt. alld lb.	2 50	2 75
oride. grade, dms , 1,000-	Seconarin NF, powd., soluble, dms., less than 20,000-to. lots, frt. alid lb.	3 75 .47	50
anks, l.o.blb. 4.95 6.50	Settlower oil, non-break, tanks, N.Y Ib. ecible dma., N.Y., divd	.93	97
n , Duro, Ianka, divd.	Sageleaves, Daimettan, No. 1, bgs. 1b. Abanian, bgs	1.60	-
anks, divd lb	Sagual, Clary, French, bots kdo	.80 90.00	
ns . 100 to 2,000-fb.	Osimatian, cns	9 50 12.50	10.00
rybenzoate, USP, kilo 10.80 - fobkilo 10.86 -	Salicianide, NF, gran., powd., dms.,	3.60	-
ee n-Propyl-p-hydroxybenzoate)	Swinds acid. tech., dma., c.l., t.l.,	1.07	1 10
dms , 50-kilo kils or kilo. 55.00 -	works	1.23	1 41
ns . c 1 . divd lb	USP, powd., dms., 1,000 lbs or	1.33	1 63
de same basis lb	nore	1 68	-
b.Elb. 40 41 b.Elb. 43 44 monomorethyl ether,	Sab, evaporated, common, 80-lb, bgs., cl., 11., North, works80 lbs.	4.02	-
vd.E	bulk, same basis ton chemical grade, same basis 80 tbs.	60 00 4 30	61 20
tanks, f o b. works, dlb. 47½	Sait, mok, madium, coarse, same ba-	2 70	_
uno. 4F-0. bgs , ton	Baitcake, dom., bulk, works, 100%	18.00	25 00
vz, bgs., ton lots . ton 300 00 -	NySO, basis, Lo b. works E ton samebasis W	65.00 90.00	98 00 99 00
ra coarse bgs ton	Photogram Reports	145.00 102 00	-
alian, lines, bgs., ton b. East Coast ton 280.00 -	Sound, BCH., (BINKS, WORKS, 111.	.50	_
ton lots. Lo b. East ton 350.00	bests works	2.59	_
ton lots f.o.b. East ton 300.00	100-oz Mahora	36.00	46 50
od (rod 38), dms., b 5.25 535 pers, tine grd. 0.9%	puri tiga ci works	2 14 2 13	:
ris, ton lots, m. and.ib.	Secure, powd., 99,99% Se, dms., drd	3019	-
11., 20% pyrothrins. orks	Cord. 99.5% Se. same basis Ib.	13 00 10 00	15 00
2-deg., c.1, works kilo 5.90 kilo 5.70 rochloride, USP, 100 29.00 33.00	half by	· 75	60
rochloride, USP, 100	gowi było ben	.70 90	71
niore, divo	Sesame send, Control A	1.00	1 10 1 20
long ton 4 50	Senna pigment, burget, proposition RD.	50	51
O-lb. dms., 1,000-lb., 13.70 1525	IDV Banasha	1917 1814	
	works that I get a Digg. C.I	31.00	
	33% 97% 29E	32.00	32.50 33.50
İ	99 50, 500	34 50 37 00	35 50
	Mineral Towns 198, 38, 375.	51 50 29 00	54 50
	ProductG. Ons. IIII-	77.00 70.60	76 5 <b>0</b>
1 marcon, cins., 15 2075 212 /	ander 10 microns and	79 50 104 cm	02.90
Alki b. 21.75 2423	mesh bgs. C.I. works	10M.00	105 ag
171. MICH	Secon telephones, c.l., works. 100	37.00 34.76	· -
2 000 oz. or more. 02 4.20 4.2	mang, and ania., D.I.,	-60	
Chlorido, Nr. 1,000 oz. 2.45 ZX	Sher billion, hopes, ce., Troy. oz. Sher cyanide, 80% AQ. 500-0z. kote oz. Sher ritete, ACS, 582, 2 Troy. oz. AG/ Sounds, Const. oz. AG/ Sounds, const. oz. AgNO ₃ . O.	36 5 47	
3 USP XVIII. 1 000-02. 2.30 13	Suspect, country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of t	4.97	-
2,000 gz, gr mars	Marine Committee Committee	3.27 1.00	:.
D0000	ogs c.t. works, (ob., paper	1.35	1.85
	100 lb. paper hose at	120.00 83.00	-
1	Paragraph Other	150.00	_
	Guil Coast works ( a tanke,	123.00	-
04 molecular wtlb. 2.12	13% same basis	175.00	195.00
ne USP 50-250 ssp	solid, 76%,700-lb dime, cl., works ton.	205.00 500.00	225.00 570.00
ido 6.50	gran 76% Aso	F50 an	
99% min., o.l., t.l. 10, 58%	beads, 78%, 400-lb, dms, c.1	520.00	
pentina root, powo kilo. 22.00	works. 100.lb. dms.c.l. beads, 78%, 400.lb. dms. c.l. Prices for iq. rayon-type, \$15 ton inche higher for acid, and \$20-\$30 to Sods, sil., conc., bgs., c.l. Sodsmarable. 100 less	27.50	28.50
No. 40 (see Cermine No. 40)	Sode, and \$20-\$30 to	er. Prices ir on higher fr	West 70c.
le. (see Mercuno oxoci	Sodem Scatede, anhyd, bos. 01.	- ''	e
sort, pgs, the kilo say	Sodem scelars Lice	3.35	3.85
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Solidon   1.23   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5   6.5		1.23	1.41					-	Sodium	pyrophosphate, acid, t	ech., bgs.,			
Section (1997) 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		1.33	1 63	Sodium	chinrate t	ouff 16.11		440.00	food	grade, non-laavening	, bgs., c.l.,		-	1
30.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0	lb.	1 68	-	Sortum	children crys			440.00	Sodiur	, works. Irt. equald. n pyrophosphate, le	100 lbs. rric, dms.,	61.26	-	١.
18. 1. 10. 1. 10. 10. 10. 10. 10. 10. 10.	n. 1,80-lb. bgs.,					Է (ՏՌԿ) ֆրի (	27	-	Sodiur				-	3
### 20	rks60 lbs.		A1 20	Sodum	deserve USP	gran ters to	29	-	"""	annyd., tech., bgs	., c.l., t.l.,			1
Soliton   25   25   25   25   25   25   25   2	asis 80 tbs.		-	1	Work S	lę:	1 17	1 27	Ь	ulk, hopper cars,	same ba		-	-13
1986   1986   1987   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988	80 lbs.		. <u>-</u> 1			fyd 1605 Cl N		_	1 10	sis. od grade, bos., c.i., t.i	100 (bs. same ba	42.50	-	- [ ]
Section (1997) 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ton orks, 100%	18.00	25 00	Sodone	cherenate int			_	1	SIS	100163	. 53.00	-	١
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The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the co	works, fri.		-	1	100 lb (bgs.)	ti forb ship	•	· -	Sodius				-	- 1
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1.00	lb.	2.59	-			n under or gran		-	Sodiu	ın silicato, solid, or (	glass. 3.2	2-	_	1
Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D. 3017  Se John, D.	· · · · · · · OZ.		46 50	·	99 - mm - 20	ոտ, շտև մեն գ		_	1				_	1
Section   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5				Sections	d collegan	hyd. dire. 🧓			١,	bos.ci.tl.works	100k		-	
10   10   10   10   10   10   10   10	10-10. lots. 1b. 6 Se. dms	3015	-	Section	dur ofafe. FC				- 1	works	1001	os. 20.30	~	
March   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   10	· · · · lb.							67	'	soln., 37.6° solid	3.22-3.	25	_	
B	. Whole and				al works	H	, 52	-	1	eaunid	100	b. 8.30		
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	· · · · · lb.				or mixed ().	fob shippin	0	205	"Rai	lo" indicates percen	itage by v	weight or Sit	), divided	by
American, 50 51 1972 7972 1973 1974 1975 1975 1975 1975 1975 1975 1975 1975	lb.		1 10					2.03	Sodlu	m silicofiuoride, og	s., c.i., t.	ել	19.75	
## 1	American,			Sadtum	farracydio	um, bas, Ci.		_	Sodeun	n stannato, dms. wka.	frt. øld. E.J	h. N.A.	-	- 1
	paper bas.,		51	Sexton	Nuotawato tr	b qan dna			Sodiu	m sulfanilatė, CMS, W	orks II	). 22	-	- {
10	7/ks(b.							<b>-</b>		2.000-lb. lots		) <b></b>	-	- 1
1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00	Dg9., c.l.,						***	15 -	1	works Gulf	10	ր աստ	98.00	- 1
Section   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00   197.00	ton	32.00	33 40	0:34	* powd , 200	3 lb. dins., G			1	frt. oguald	10	u anna		١
1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00	····· ton		35 50	Scalary I	haracato, biga	o I, workn - Ib	20	-	Di Di	uk, ci.i. East, same bi	1845 (O	ŋ 113.00		- [
Section   19.00   76.50   19.10   76.50   19.10   76.50   19.10   76.50   19.10   76.50   19.10   76.50   19.10   76.50   19.10   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76.50   76	orks, 99.9%	51 50	54 50							has all works		טט.זקף ון	53.00	
Total	00 <i>ton</i>	72.00	76 SQ	Seediger	hydrida, cil d	ksparskin, 60°	ΰ		Sodiu	dms., c.l., wo	LKS' ilt		_	1
Section   194.00   104.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00   105.00	····· ton	79 50	82 90		γγια <b>κ</b> η	m	. 186	-	₀	equald	. , (c) vorks, fri			- {
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10   50   50   50   50   50   50   50	ronka (cm				lb dima.cl.	(I., works, (r)	. ne	.98	Sodiu	in audiblia (11986) (	1/7124 U.I.			-1
100 bs   27.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.50   25.				Section	iyilroxlda, to:	h (Buo Soda, gi	ustic.)			works, E., 111, equal works, E., 111, equal	95-100%	2-1010-0		- [
10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10 th draw   10	rayoz		1	Sodene	typiophiassphile In otina f.o.b. i	vorka ib	סאריון ו		0000	bgs, (.q.b. works entionyspide GP (se	e Sodium I		_	J'
0. 3.27	TOV OZ. AGJ			11016	dras	<b>.</b>	1.47	1.02		o kalenda walio (RAB) MM	HXL			11
Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description	™3···· OZ.			Statement of	odida, USP. cri	/s1 300 · 10 500	•					640.00	7	-   4
Sodium injunit orientate, bgs. vol. s. 25.50   Sodium injunit orientate, bgs. vol. s. 25.50   Sodium injunit orientate, bgs. vol. s. 25.50   Sodium injunit orientate, bgs. vol. s. 25.50   Sodium injunit orientate, bgs. vol. s. 25.50   Sodium injunit orientate, octahydrate, works. s. 38   Sodium injunit orientate, octahydrate, vor. s. 38   Sodium injunit orientate, octahydrate, vor. s. 38   Sodium injunit orientate, octahydrate, vol. s. 38   Sodium injunit orientate, octahydrate, vor. s. 38   Sodium injunit orientate, octahydrate, vor. s. 39   Sodium injunit orientate, octahydrate, octahydrate, vor. s. 39   Sodium injunit orientate, octahydrate,				Sodum	ib. ints. dais. id inurvi auliati	t equeld		20	Sodium	n (hiocyanate, pura., c	more			1 8
r rogs., of. on 180.00   Sociarm metabosulties (see Sociarm historities).   Sociarm metabosulties.   Sociarm motoposulties.   Sociarm m	u (Q/)	120.00	_		Co.D. Works				inch	1,0,0, Worker	in libs, or			. 8
Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Social Content   Soci	er oga., c.i.		-		works	100 68	. 20.00	•	(BCI)	more works.	to grade.	97	- <del>-</del> 1	,
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Con.   175.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195.00   195	allers tanke	· E-J-(JU	-	tatrah	yran., hgs., c.i ydrale, gran	. bgs, cl.,	00			pentanydrale, C.I.,		28.50		1.
Cl. Works   Los.   Sociar metaphosphale, tech.   Los.   Sociar metaphosphale, tech.   Los.   Sociar metaphosphale, tech.   Cos.   Sociar metaphosphale, tech.	· · · · · lon.	175.00	195.00		WORKB			T	1	Didn'il des Cl W	ndes ill.	,1414	· 🛥 .	1
Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   S	WORKS hon	205.00 500.00	225.00	1 1	a.i. worka	10			1 Socium	THE ALL AND MINE		.28		
Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   C	······lon.			iusea,	WORKS	10	· •	. 80	Sodium	HDOIAbloabuses	TOO ibe	39.75		L.
\$15 ton higher. Prices in West 70c.  \$15 ton higher Prices in West 70c.  \$20 \$30 ton higher for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for byte for gran. and bgs. o.l. for gran for gran. and but for gran for gran. and bgs. o.l. for gran for gran. and but for gran for gran. and but for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran for gran f	' lOn		370.00	Sodium	metenbosom	118. 18CN. USB.			buck, f	Obbei blas serie gen	ema ba-		-	S
Socium metasiscate, aninyd.   Dos. c.l.   vorks   100 lbs.   27.25   Folint grate dras., 10,800 lbs.   0.00 lbs.			-		ci fah si	IIODING OL III		ris 🗕 is	lood	grade, bgs., c.l., t.l.,	100 08	48.50	•	1
bgs. o.l.         3.35         3.86         Sodum metasacate, amyo. 100 lbs. 27.25         Folin gratie dras, 10.800 lbs. 0. 800 more, ama basis. b. 800 more, ama basis. b. 800 more, ama basis. b. 800 more, ama basis. b. 800 more, ama basis. b. 800 more, ama basis. b. 800 more, ama basis. b. 800 more, dras, 10.00 lbs. 31.00 lbs. 17.20         Sodium-amonium phosphate, purif. 62 more, dras, 10.00 lbs. 31.00 lbs. 17.20         Sodium-amonium phosphate, purif. 62 more, dras, 10.00 lbs. 31.00 l	415 too blak		28.50 West 70a	100010	iorio bas Alli	O O. ITC. BUUREN						6.00	5.60	S
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participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participation   participatio	·. 100 lbs			butk.c	works	100 108	25.30	F - 5 4	17 - 55 5	MORE, BEITTE DESCRIPTION	e purif.	1 / 2 / 11		1
Socium motybolate, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins, anhyol, drins,	· Dgs., c.l.,		3.85	Pentar	vdrate, bgs.,	o.l. (o.b. 8hip- 100 lbs	18.95	ر در از در از در در در از در در در در در در در در در در در در در		Ci your allow	vuisia. •	!		s
Works   100 bis and over   bis   4.37   Sociam Republic   Sociam	ዓ <b>ርፖሬ</b> ክ 10ስ	.54	]	bulk, o	I. works.	100 lbs	17.20	al and a sign	800HVIII	oms, LL, f.d.b. works	1 000 i			ľ
Cryst., dms., L., same basis.  dms., 100. 6.00 8 75 Sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthioniste, dris., o.l. l., b., 2.00 sodium naphthio, petroleum, straight aromatic, b., 2.20 sodium naphthioniste, dris., o.l. l., o.l	hila powet	,57	-	- Control	works, 100 lbs	and over ib.	- 112	# W 1.	Socium	zirconyi suliste, cins. Ib. lote or more, worki	, b			81
Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   C	ding 100	6.00	8 75	Cryst.,	dms., (.L., 68) 180hthlookta	de Dagis	11.00 mg	整理堂	tech.,	ome, any quantity, we ombotive, petroleum.	anca. D siralgint	drillia.	4.	Γ΄
Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   C	"a, 1,0.h		· · ·	- Couline	lob works	hos cl. lab.	Z.W.,	如此	BOIVE():	Bromstic, O.F. 320	350°F.		7. :	
10   10   10   10   10   10   10   10	dvd E. b.		1 kn	Control	iri. equalo	(00 b)	34.60						-	"
Dulk C   Works   208.00   Fix 00   Solvent nainths patronum state   1.30   1.35	ums., 100			oodium)	enate, com., c.i., works	Marian Maria	284.00 250.00	REGULATION OF		puston nois	OB)	. 1,64 romátio 6 r	. 360°F-	s
Guif laries 100 192.00 New Japes 180 5 5 100 192.00 New Japes 190 180 5 5 100 182.00 New Japes 190 180 180 180 180 180 180 180 180 180 18	And CT. IT.	1	10.60	bi	uk, c I., works om . 100-io. i	da, al., Alt. of	one on	214.00	Solvent,	naphtha, petroreum; 110°P, 60°F m a.p., ta	iks:	1.30	1.35	1
ho basis B 98 Socien huris Use one 97.26 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Socies and Use of 1.30 Soci	on 10 1083"		그동생	190,70	Gulf whee	ion ion	182.00	\$ MEN	湖 并	Jersey			9 gg.	5
b. 89 Socium hiritig Lifer, ding. 61, works 67.26 100 fee. 67.26	K	RAL		ir.	p poricult	ret, bulk o	140.00			Marie Company	, ga	2.20	3.10	إ. را
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一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就	T - 1	. <b></b>			in spueld	yw me		表文表版	<u>) (                                   </u>					
	( )		g 2 in .	y pr	、 特别 一个 10	1 11 11 11	: 1							

CHEMIC	A	
<b>PRICES</b>		_
WEEK ENDING SEPTEME	BER 5,	1986
Sorbitan monostearste, clms., c.i., t.i., 30,000 lb. min., (.o.b.		
works	.76	-
min., f.o.b, worksb. Sorbitol, USP, reg. 70% squeaus,	.80	-

'n.	LUIAFA		ı
1	WEEK ENDING SEPTEMB	ER 5, 1	986
	Sorbitan monostearata, dms., cl., tl., 30,000 lb. mln., f.o.b.		_
	works	.76	-
	min., f.o.b. works	.80	-
5	tanks, f.o.b. shipping point lb.	.35 .30	-
	gran, dme., c.l. t.l., works lb. powd., dme., c.l., t.t., works lb. Soybesn mesi (See Olie, Fate & Wexes ma	.70 .68 rket report.	.74 .72
	Soybean oil schulated, scapstock,	at report.)	
QVz	95% acid, tanks, New York lb. Soybean off, acid, dbl., dist., drnslb. tanks	.14 .46 .43	.15 .69 .44
	8.d., dms	.47 .38 2.50	.68 .43 2.70
	Spearmint leaves, Imp., bis	14.00 10.00	15.00 12.00
•	Far West, Scotch lb. Midwest, Scotch lb. Spruce oil, dms lb.	15.00 14.50 8.00	16.50 15.26
•	St. John's bread, edible, bls lb. zStannic chlorida, anhyd., dma., works	.29	.30 I.A.
•	Stannic oxide, dms., works ib. Stannous chloride, annyd., dms. wks . ib.	N.A. N.A.	-
-	Stannous fluoborate, liq., conc., dms., t.i., works, frt. equald lb.	2.50	-
	Stannous oxide, dms., workslb. Stannous sulfate, dms., workslb. Steeric sold, double pressed, bulklb.	N.A. N.A. .28	.39
_	single-pressed, bulk	.28 .32	.376
-	Stramonium leaves, bgs		.20 -
-	Strontium mirate, 50-15 bos., c.l.	. 371	
-	works	i. 01.30	-
~	Styrone-acrylonitrile resin, nat., buil	k. b7 <u>7</u>	- .e
_	cryst., bulk, same basis	)77 ). 2 ₋ 35	.8
ded	I Superinte acid outill crust dens til		2.10
9.75	1 work	. 1./1	-
-	Sucrose, reld., white, bgs., c.i., f.o.b. refy. E	1.10	-
- 3.00	tanks divd	1.10 1.18	-
.00	grade, 100-lb, dms., f.o.b. workskilo Sulfabenzamide, dms., 500 kilos. kao.	12.60	13.50
.00	I Sulfahanzamida-900lum, Oms., 900	39.50 25.00	_
_	kitoskito. Sulfacetamide, USP, dms., 500 kitoskād.	20.00	23.50
_	Sulfadiazine, USP, powd. dms., 500 kilos. kilos. Sulfadiazine-sodium, USP, dms., 500 kilos.	53.00	-
<u>.</u>	Cuttomora sine LISP microcrystals.	40,70 33,50	_
•	dms., 500 kiloskilo. USP, powd., dms., 500 kiloskilo. Sutlemethazing-sodkum, USP, powd.	32.00 13.00	-
-	dms., 50 kilos	9.50	10.00
	kilos. kilo. Sulfamio acid, cryst., bgs., c.l., t.l., works. 100 tos. Sulfamio acid, gran., dms., c.l., t.l.,	38.00	41.00
	Sulfanitamide NF, rag. 1,000-lb. dms.,	.36	-
	Sulfaniic acid, tech., bgs., t.L., f.o.b.	2.00	
	Sulfaquinoxaline, veterinary, grade,	8.00	-
· .	Sulfur, crucie, bright, molten, dom., f.o.b. vessels, Gulfportsiong-ton f.o.b. L.a. refy	160.00 125.50	=
1.	f.o.b. La. fely   long-ton recovered, dvd., Houston   long-ton ex terninal, Rotterdam   long ton f.o.b. tenke, Alberta, Canada, for US	125,60 135,00	<b>-</b> .
	delivery tong-ton dark, ex-Temps, Fla. long-ton Sutiur, crude, 98.6% min, purity, comi.	102.00 157.50	_
•	Sutter, crude, 98.6% min, punty, comi. flour, 50-1b. bgs, c.l., mines besis 100 lbs. lumo, same basis 100 ros.	13.80	:
) )	Sulfur, retal, 98.6% mm, purky, rolls	13.60	`. <del>-</del>
: :	50-b, bags, c.l., mines ba- als	17.50	. <b>-</b>
	Sulfur, reid., sublimed, NF, 99.85%	20.00	<b>-</b>
$t_{f_{\lambda}}$	se 100 lbs. Sufur, reld., sublimed, NF, 99.85% min. purity, 50-lb; bgs., c.t. mines basis 100 lbs. Sufur, rubbermakers: \$9.6% min. pu-	28,00	· <u>-</u>
	rity, comi., reg., 50-lb. bgs., c.l., mines basis, 100 lbs. line, 98% min. passing through 325	14.60	-
:	mesh, same basis 100 ibs. Buttur dichloride, dma., c.l., works, fri.	16.10	<u>'</u> - '
re.	equekiib. tenka, same basisib. Sultur dioxide, ikq., comi. mukil-unii	.24 .1714	· • · • · • · • · • · • · • · • · • · •
	tanks, works.		
	Sullur monochloride, dins., c.l., works. frt. squald by tanks, same basis bo	2275 1814	4
W.	* Transfer to the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the		

	Thorium nitrate, purif., dms., 100-lb. tots or more, works
CHEMICAL	di-Threonine, dms 10 kilos wkskip. 125.00
CHEMICAL	Spanish, ogs
	Thymol, NF
PRICES	Works
	Tilanium dioxide, anatase, bgs., 20- top lots, frt. alid
WEEK ENDING SEPTEMBER 5, 1986	sturry shipments, 50-ton lots, dry ba- els, irt. elid
Muric acid, virein 100% tanks, works,	tonitols, int. and
Guil Coast ton 75.00 86.40	dry basis, frt. alld
Southeast	Titanium hydridė powd. electronica
NOTE: For prices on 60 and 60 Ba., malippy by of 20.	Titanium tetrachloride, tech., bulk, c.i., f.o.b. works
is, add \$3-\$4 to above prices and munipy by 1.045.	Thanium sponge, 99.3%, liber orums, less than 5,000 lbs. (.o.b.
New Mexicoton 20.00 25.00	Wks
93%, tanks, dvd., Northwest ton 60.00 65.00	d-a-Tocopherols, 67%, dmsklio 50.08 - d-a-Tocopheryl acetate, 81% conc., dmsklio 57.49 -
neapolis	d-a-Tocopheryl acid succinate, cryst.,
a.p.a., run-ol-pile, buix, c.i.,	di-e-Tocopherol acetate, USP 50-kilo
bulk, gran., c.l., Fla ton 160.00 165.00	drn. 1000 kilo min kilo 17.00 –
	Toluene, petroleum, Ind. or nitration, tanks
	Bayonne, N.J., divdget73 - Bayonne, Tex. f.o.bget73 -
	Chicago, Ili. Civd
Telc, dom., grd. New York bgs., c.l.,	Deer Park, Tex., 1.0.0
works	Houston, Tex., divd gal73 New Jersey Metro, civd gal73
Talc. dom., 99.5%, 400 mesh, mi- promized bos., c.l., works., ton 187.00 238.00	Philedelphia, Pa., divd gal
625 mesh, micronized, bgs., c.t. works	Toluene di-isocyanate (mixed isomers). 80%, 2.4- and 20% 2.6- isomers.
dom., ord., Calif. gro., bgs., c.t.,	jumbo tankcars, divd lb. 1.01 - p-Toluanesutionamide, powd., dms., lb. 3.55 -
ord. Vermont, att-color grd. bgs., c.l., works. ton 138.00 -	m-Toluldine, tech., bulk lb. 3.10
kmp., Canadian, grd., bgs., c.l., works	bulk, same basis
works, frt. equaldton 133.00 140.00 Tell oil refd. edd. same basistb. 31	d. works
dist , tanks, same basis	Toluidines, mixed, o-m-p, tech., liquid,
works, fit equald lb. 2012 .2372 less than 2% rosin acid ib	bulk same basis
Tallow, faily acids, tech., non-ret.	Torka beans, Angostura, prime,
tanks, dvd	Toxanhene.dms., c.l., t.l., works . lb38
divd	Tragacanth gum, No. 1, ribbons, cns. lb. 36.00 40.00 flaked powder lb. 12.50 15.00 Triacetin tanks, divd. E lb
Tangerine oil, Fis., dms. f.o.b lb. 10.50 11.00 ttalian, dms kilo 52.90 Tankage, animai feeding, 9-11%, NH ₃ .	Tributyl citrate, t.l., drums, 1.0.b., works
New York, bulk	Tributyl phosphate, tanks, works ib. 1.55 Tributylamine, dans., c.l., divdib. 1.39
Tennic acid, NF, Isarry, Doils., 1,000-10.	tanka, same besis
tech. powd., dms	USP, 100-fb, dms., irl. equald lb
26-28%, U., dms., Lo.b. works . gel. 1.59 - 50-53%, tl., dms., Lo.b. works . gal. 1.87	1,1,1-Trichloroethane, tanks, con-
Tertaric acid, NF, bgs.,	aumars, divd
Terpin hydrate, NF, Imp., cryst., powd., 38 kilo drums, I.o.b. ship. pt., frt. equaldb. 1.35	Trichlorosthytens, tanks, divd ib
Terpineol	Trichorophenoxyacetic add (see 2,4,5-1). Tricholine citrate, 65%, soln., non-ret.
prime, dms	dms., 1,500-lb. lots, divdlb. 1.35 - Tricresyl phosphate, tanks, f.o.b. works
Tetrachiocethylene, tech. (see Perchiocethylene). Tetrachiocethylene, USP, dms., c.l.,	Tridecyl slochol, mixed isomers, tanks, divid
t I. works	Triethonolamine, 85%, tanks, divd. E. Ib
Tetraethylene glycol, (anks, irr. avc. ib	Triethenolemine leuryl suifete, tanks, 1.0.b. worksb274 .275 Triethylemine, dms. o.j., divdlb. 1.33
Tetraphylanenantamine, tanks, same	tanks, serve basis
hasis	works
Tetrahydroluran drns., c.l., t.l., l.o.b.	Triethylene glycol, tanks, 1.o.b. Guif lb
tanks, same basis	40-60% tenks, 100% basis, frt.
Memphis, Tenn	Trietnylenetetramine tarks, irt. equald. lb. 1.43 1.45 Tri-leo-tolyl trimellitate, f.o.b. works lb51 .55
C1, t.1. I.O.D. Works	Tri-isopropanolamine, dms., o.l., frt. ald, E
Tetrasodium pyrophosphate (see Sociali pyrophosphite (see Sociali pyrophosphite)	ate, Trimethylamine, anhyd., tenke, frt. equald., 100%
Thelium metal, divd	_ 25% soln., tanks, frt. equald., 100% basis
Theophylline, USP, anhyd. 50-kilo	40% soin., tanks, frt. equald., 100% 2.95 basisb56% .5
Thismine hydrochloride, USP 100-100.	Trimethylotpropene bgs c.J. t.l. divd. lb
Thiamine mononitrate, USP, 100-kilo., day, divid	1.00 Tripentaerythritol, tanks, irt. slid., E.b. 1.00 - Triphenyl phosphate. dms., t.l., irt.
Thiodiphenol, 98%, dms., f.c.b. worksb. 3.35 Thioflavin green toners, molybdated,	Tripropylena glycol tanks, frt. alid.
PMA, dms	6.05 5.85 Tris-(hydromethyl) nitromethene, solid, 1,1. works b. 805
Thioglycolic acid, rate, ams., toll loss 2.07	Trisodum phosphale (see Sodum phosphate; tribatio) LTryptophan, dms, 25-kto lots ktlo, 82.00, 65. Tung oil, tanks, lmp, New York 90. 32
Thiologoid marcon, data, 1rt. elid. 10. 7.00	TI TIMOBING ACIG MEVETS, CHIBS, DICTOR 17. 17. 17. 17. 17.
Thionyl chioride, high-putry, 55.0%, 24,000-lb, min. Li., dms. iri.	1 Turmeric, Allephey 5% B. 86
	THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY O

Unmarried blass pigeneris, 250-2000   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30   1-30	Į <u>T</u> u	rmeric, Alleppey over 6% lb. ppentine, crude sulfate tanks, i.o.b.	.70	-	Xylene, petroleum, ind. or nitration, tanks Alliance, La., I.o.bgal80 – Atlanta, Ga., divdgal80 –
Unmerten but oppravis, 650-2,000  Discovered by the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	Tu	Southeast works gal.	.70	.80	Bayonne, N.J., divdgal80 - Bayonne, N.J. I.o.bgal80 -
Une material the eigenests, 560 - 2,000  Une state of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control					Chicago, Ili., divdgal80 _ Clairton, Pagel80 _
Warrianne and programs (19-20-10)   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20   1-20					Guil Coast, spol, bargesgal
Value arm bealth   1.50	U	In Join Works.		_	Xylene, petroleum, Ind. or nitration, lanks Philadelphia, Pa., divd gal. 1.36 –
April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   April   Apri	U	violet, same basis		- .15½	South Bend, Ind., divdgal. 1.37 - m-Xylene, high purity, tanks, f.o.b.
Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Value   Valu	١.	raw, American, dom., bgs., t.c.i.,		.14 <del>7</del> 4 -	o-Xylene, tanks, works ib
April	۱u	rea, 46% N. Ind., bulk, bulket of the dividence of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of			2,4-Xylidine, tech., liq., c.l., t.l. f.o.b.
Valentian root, Belgian, bps. b. 55 .50  Valentian type productions, 3.000 b. 40  Valentian type productions, 3.000 b. 42  Valentian type productions, 3.000 b. 42  Valentian type productions, 3.000 b. 42  Valentian type productions, 3.000 b. 42  Valentian type productions, 3.000 b. 52  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b. 70  Valentian type productions, 3.000 b.		Mest N soricultural, bulk, divd. West ton	210.00	-	Xviidines, mixed, o-m-p., dms., c.l., t.l.,
Versich mod. Bedgein, Np. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.		Ve-di sinustas, and			V
Versich mod. Bedgein, Np. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	- [ ]	V			
Versich mod. Bedgein, Np. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.					Marian DE In and In 281
Cyte. World. 4, 1981, part., per B. 1. 410  1 years of Falson, per Liv V-Cp. 500-b. 32.74  Vanish bears. Madingster. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		Indian has		.85 -	Yeast, pure brewer, 3 debritered, Nr., 5ac- cheromyces, t I., (,o.b., works , lb. 1,10 -
Land of Tables, por 8 L. V.D., 500-   D. dom., works.   L. T. V. L. V. L. L. L. L. L. L. L. L. L. L. L. L. L.		Cyls., WORKS		- 4.94	extra, bots
Verlate passens. Madigapears:		fuged or flake, per lb. V ₂ O ₆ , 350-	3.35	3.65	1 Grade 2
12	- 1	Vanilla beans, Madagascar	37.00 27.00	.=.	
### of the Bourbon, dim. 8. 15.00 17.00		Version An	64	-	
Victoria Due Correirs, morlybothesic, NBA   B.   B.   C.   C.   C.   C.   C.   C.		Volume of Bourbon dris	16.00	17.00	110
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15		tungstated, PTA, dms	). 10.40 )39	-	Zinc borate, (ech., 43° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 37° 210, 3
2. Virtupichuene, Dust, 1.0. p. 2. 10. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1		grade, tanks, 1.0.b. works	020 C.		cryst., 37% Zno. 49% 8,01, 2345. dms. 20,000 lbs. t.i. l.o.b. wks. lb89 Zno. chłostyle USP, gran., dms kilo 9.79
Vitamin A, synthetic, 67 pharm., 500,000   Autilibrary 1, 600,000   A		2-Vinylpyridme t.l., dms. works kil	o. 7.8	-   -	Zinc chloride, tech , soin. 50 %.
Vitamin A, Ieed grade, 560,000 units and Vessil, Vitamin B, see Thiamhe hydrochisches (JSP cycle) (Concert NC (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90 (10) lbs. 27:90	-	Vitemin A, Synthesic, Gry, pharm., 500,0 A units per am., 50- kilo, lots . k	iio 33.0		Concord, N.C. 100 lbs. 20.20
Vitamia B., uryst., non-steries, USP (cyanocobalemin), vitas, 60-gram, lots. gram bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis bytis by	-	units per gram, 10 kilo lots	ils 41.0		65 degroe, same basis Cigyerand.
Vitamin B., 15, bituration of cryst B., cyclenocoblashmin USP) with deal column phosphate, 25-bit of ms. bit. 10.75   12.75	-	Vitamin B., (see Thiamine hydrochlor Vitamin B., (see Riboflar	ide). In and Yea		Old Bridge, N.J 100 lbs. 27.00
Cyain Cobletamin USP) with dead commendation of cryst.		(cyanocobalamin), vials, t	ро- am 8.0	0 9.76	5 Old Bridge, N.J. 100 lbs. 29.70 -
Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Space   Spac	-	(cygnocobalamn USP) with the	uko. 10.7	75 12.75	5 Goncord, NG 100 lbs . 33.20
Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vitamin B., 15 Vita	-	magnitol, 25-kilo, dms	ilo. 15.1	80 -	Zinc chromate, bgs., divd
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	-	gram, dms per gram act	ivity 19.	45 -	Zinc ethylenodiamine tetracetic acid.
Nr. absorbed or ream, o-min drug, 1% cyanocobelamin in gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin, 2,5 killo dims. frt. gelatin,	-	gram lots, frl.slid, per gram e	ctivity 16.	.85 -	L.C., L. L., L.O.D. WORKS
Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   S	_	MF, absorbed on realn, o dms., int. alid per gram activ	-Kilo Ity. 15	.40 –	Zing fhioborate, lig. conc., unis., th. 66 works, frt. oquald
Vitamin   1 gees Cockver and Fishiver oils    179   174   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180   180	=	gelatin, 2.5-kilo dms.,	irt.	.40	Zino naphthonote, iid. 6% 211, dittor. 15. 95
Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl violet toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner (see Methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl toner)   Visal methyl to	-	i Vilamio D (see Chriecalditeroli	ver olle). Mheet dem	ı olli.	Zinc oxide photo conductive, again lib. 474
Warfarin D.5%, dms., ton lots, frt. alid.   New York or Chicago.   Ib.   75   Ninet gernoli, cold-pressed.   gal.   14.00   Nithing (see Calcium carbonste).   Wintergreen oil, syn. (see Methyl sellicyste).   Wintergreen oil, syn. (see Methyl sellicyste).   Wintergreen oil, syn. (see Methyl sellicyste).   Nithing (see Calcium carbonste).   Nithing (see Calcium ca	_	I Altawin in 1266 Propul-			Zino evide plannent American process.
Warfarin 0.5%, dms., ton lots, frt. alld. New York of Chicago ib	.48	115		<u> </u>	regular, bgs., c.l., frt. ald, lb.
Warfarin 0.5%, dms., ton lots, frt. alid. New York or Chicago ib 75 What germ oil, cold-pressed gal. 14.00 - Cold-processed gal. 14.00 - White precipitate, USP, powd., 100-lb. dms., I.o.b. works ib 7892 11.24 Whiting (see Caldum carbonate). Whiting (see Caldum carbonate). White hazel bark, bis ib 1.75 400 mesh, bgs., c.l. works. ton 134.00 - High aspect ratio, bgs., works ton 144.00 - Wollastonite, t.l., I.o.b., producing plant general grade ton 140.00 141.00 325 mesh ton 140.00 141.00 326 mesh ton 160.00 - Wool grease, USP (see Lanolin). Womseed oil (see Chernopodium oil, NF) Wommwood of, one ib 31.00 38.00  Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lood 300-lb. bims, f.o.b. Xanthar gum, lo	.2742	· \ W			Zinc pyridinelhione, 48% dispersion, 8.60
New York of Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago   D.   Chicago	-	Wasterin 0.5% days too lots for	·		Zinc resinate precip. 7.2-7.6% Zn. 45
Miltergreen oil, syn. (see Methyl selicylate).   Whiting (see Calcium carbonate).		New York or Chicago	lb.	18.50 17	7.50 Zinc allicolluorida, ditta. 10. 17
Witch hezel bark, bls.   b.   1.35		White precipitate, USP, powd., 1 dms., (.o.b. works	lb.		1,24 Zinc suitate, grant, in Zn., bgs., c.l., 28.50
200 mesh, pgs., c.l. works	.55 -	Wintergreen oil, syn. (see Methy Witch hezel bark, bis.	i selicylate) lb.	1.35	same balls. 100 lbs. 22.50
Wollastorite, I.I., I.O.b., producing plant general grade		400 mesh, bgs., c.l. works	ton 1	34.00 17.00	works. 10. 4.67
Test mesh ton 500.00 Wood grease, USP (see Landin).  Wood grease, USP (see Landin).  Wormwood oli, one lo. 31.00 36.00  78  Test mesh ton 500.00 ol., works.  Zirconkum scetate soin, 25% 270, dims. 10, 78  22% 270, same basis.  Zirconkum oxide, powd., electronib grade, dms., works.  Zirconkum oxide, powd., celectronib grade, dms., works.  Zirconkum oxide, powd., comi., dms., 425  2,000 lbs. min. lb. 7,55  sectoronic, same basis.  Insulating, unstabilized, 325°F same 3,65  basis.  Xanthari gum, lood 300-lb. dms., f.o.b.		Wollastonite, t.i., I.o.b., pro plant. general grade	ducing ton 2 ton 1	00.00 40.00 14	200-lb. dms. frt. alid. lb. 165.00
Wommwood oil, cne. lb. 31.00 36.00  22% 27O ₃ , same basis.  Zirconkim hydride, powd., electronib 31. grade, drins, works lb. Zirconkim oxide, powd., comi., dms., 425. 2,000 lbs.,min., lb. 7,95 lectronic, same basis. lb. 31.00 lbs.,min., lb. 7,95 lectronic, same basis. lb. 31.00 lbs.,min., lb. 7,95 lectronic, same basis. lb. 32.00 lbs.,min. lb. 7,95 lectronic, same basis. lb. 32.00 lbs.,min. lb. 7,95 lectronic, same basis. lb. 32.00 lbs.,min. lb. 7,95 lectronic, same basis. lb. 31.00 lbs.,min. lb. 7,95 lectronic, same basis. lb. 2,00 lbs.,min. lb. 7,95 lbs.,min. lb. 7,95 lbs.,min. lb. 7,95 lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,min. lbs.,m	57	400 mesh	ton 1 ton 8 1.	60.00	C.I., WORKS. 059, 710, 0118. 07
Zirconium oxide, powd., comi., dims. 125 2,000 lbs, min. b. 7.55 840 controls, same basis Insulating, stabilized, 325°F same 3,81 basis Insulating, unstabilized, 325°F same 3,85 basis Insulating, unstabilized, 325°F same 3,85 basis Ashibari gum, lood 300-lb, dims. f.o.b.	;: <b>=</b>	Wormwood oil, one	im oil, NF)	31,00	36.00 22% ZrO ₂ same basis.
basio basic same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis same basis		V		• • •	Zirconium oxide, powd., comi., dmis., 4.25
Xanthar gum, lood 300-to date, f.o.b.  Xanthar gum, lood 300-to date, f.o.b.  And the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the	6 Dasio)	M. A. P. P. L.			electronic, sarrie basis insulating, stabilized, 326°F sente basis.
works.  D 5,85 6.20 Zircomum oxycritorios, ita china china in in in in in in in in in in in in in	85.0 8	Xanthari cum, lond 300-lb, idn	a fob		insulating, unatabilized, 325°F series 3,65° bests to 2,82° dense stabilized, 30F, sens basis in
and a military of the first of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the c		'a na an' italia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina			8.20 Zirconum oxyerioride, lg., cine. 8-10. 01. ots. secreta.

us imports of chemicals and related materials are reported in this section by CPI masterial. Listings include consignee where possible, container, net weight, name of vessel (in parenthesis), port of origin and date of shipment's arrival in New York or the Port of Newark.

US chemical imports/exports are tabulated monthly in the market reports.

ABS RESIN Goldmark Plastic Compounds 10,200 bgs (588,446 bs) (Ming Galaxy) Busan, 8/1. ACETAMNOPHEN USP Daniel F Young 3 dma (357 lbs) (Atlantic Concert) Liverpool, 7428 (Arlantic Concert) Liverpool, 747 (be) (American Lynx) Felixstowe, 8/7. 141 dma (42,496 lbs) (Sea Land Express) Rotterdam. ACETATE Myers Group 5 dms (2,414 lbs) (Colombo) Va-

26.60 ^{23.0}

tencia, 8/7. Rhone Poulano 54 dims (27,818 libs) (Atlantic Bong) i.e. Havre, 7/30. Havre, 7/30.
ACETATE LINALYL SYNTHETIC Order 158 pkg (87,227 bs) (Atlantic Song) Le Havre, 7/30.
Order 1 dms (483 lbs) (Americana) Barcelona, 8/1.
ACETC ACID B P Chemicals Americas 1 bks (881,928

baj (Jo Brevk) Rotterdam, 8/5.
ACETOPHENONE Order 73 dms (35,408 lbs) (Nedloyd Rotterda) Felixatowa, 7/29. ACETYL P CRESIDINE Order 113 dma (21,175 lbs) (Ming

Galaxy) Kobe, 8/1.
ACETYL PARA AMINOPHENOL Rhone Poulenc 360 dms (42,699 lbs) (Atlantic Song) Le Havre, 7/30, ACETYLSALICILIC ACID Janel Intl Fwdrs 30 ctn (42,229 bs) (TE-Franklin) Rotterdam, 7/28.

AGAR AGAR Cgm Franch Line 120 bgs (13,386 ibs) (Atlantic Concert) Le Havre, 7/28.

Harold Pepper 40 dms (4,850 ibs) (Ever Goods) Osaka,

nth Imports 180 dma (192,290 lbs) (Americana) (88,886 be) (American Californ) Singapore, 7/28. Louis Furth 250 bgs (33,455 lbs) (American Californ)

Singapore, 7/28.
Order 240 bgs (33,519 lbs) (American Californ) Singapore, 7/28.
ALLYLISOTHIOCYANATE Mdsi 31 cs (3,203 lbs) (Aldeb-ALTEROTHIOLYANA TE MODI ST CS (5,200 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,201 b), (1,

(Americana) Genoa, 8/1. ALLIANUM NITRATE ACS Acs Chemicals 20 dms (4,674 bs) (Tohbel Maru) Tokyo, 7/28.
ALLMINIM OXIDE Atlas Intermodal Transport 1,360 bge [76,980 bs) (Ming Galaxy) Yokohama, 8/1.
Degusa 1 con (42,549 bs) (Zim Iberia) Barcelona, 7/

Otio Crankahaft 60 aks (5,143 lbs) (Koln Express) Bre-

Metheven, 7/28.
ALUMMUM PASTE Landers Segal Color 191 ums (45,476 ibs) (Tadeusz Kosciuszk) Bromerhaven, 7/29. AUMINUM PHOSPHATE Harold Pepper 160 bgs (4,208.

AJAMANIA PHOSPHATE Harold Peppor 160 bgs (4,208 bs) (Jabe Maersk) Tokyo, 7/31.
ALMINIM STEARATE Sattva Chemicale 180 bgs (5,367 bs) (American Astronau) Buonos Aires, 7/31.
AMMO METHYL BENZAMIDE Order 17 dms (2,474 lbs) (Ming Galaxy) Kobe, 8/1.
AMMONIJM BICARBONATE Rhono Poulenc 20 pit (37,37 bs) (Nedloyd Rottorda) Rotterdam, 7/29.
AMMONIJM CHLORIDE Order 10 sks (0 lbs) (Bakkafoss)

AMANNUM CHLORIDE Order 10 sks (0 lbs) (Bokkafoss)
Antisrdam, 7/27.
AMANNUM SULFAMATE. Atlas Intermodal Transport
1,800 bgs (80,607 bbs) (Ming Galaxy) Koolung, 8/1.
AMSE SED Louis Furth 600 sks (39,804 lbs) (Colombo)
Valenda, 8/7.
AMISCONTINE HARMLESS Samincorp 1,600 bgs (82,622
bg) (Atlerbaran) Lo Havre, 8/2.
AMIMONY ALLOY Leyden Customs Expeditors 720 pkg
(45,72 lbs) (CCNI Austral) Antologasta, 8/6.
AMISCONTINE SAMINCORP 800 bgs (41,411 lbs) (Ever

ANTHONY SULPHIDE LUMPS lad Group 340 dms (9,3%) bb) (American Californ) Hong Kong, 7/28. Anvilbes Lonza 198 bgs (10,975 lbs) (Koln Express) AZODICARDONALID. AZODICARBONAMIDE Park Enterprises 1,800 bgs (81,411 lbs) (Ming Galaxy) Busen, 8/1.

BALSAM Corram int Trdg 11 dms (6,010 lbs) (Ban Pedro)

BARIJIM HYDROXIDE Itc Container 800 bgs (45,32 lbs)

BARIJIM HYDROXIDE Itc Container 800 bgs (45,32 lbs)

(Saud Divida) Leghorn, 7/29,

BARIUM HYDROXIDE MONOHYDRATE Plexichem Intl
680 bgs (37,928 bbs) (Tohbel Maru) Kobe, 7/28.

T C Conteiner 1,600 bgs (90,430 bbs) (Cape Hateras)
Lachorn 7/20.

TYDE Chemical Dynamics 28 dms (12,496 baj (Aldebaran) Rotterdam, 8/2, Janel inii Fwdra 76 dms (36,526 lbs) (Koln Express) Kobe, 7/28. COÀL TAR INTERMEDIATES Sandoz 450 bgs (41.567 Antwerp, 7/29.
BENZIDINE DIBULFONIC ACID Berno Shpg 10 dme
[3,311 lbs) (Ming Gelexy) Kobe, 8/1. COAL TAR INTERMEDIATES SERVIZ AD US (41.35)
the) (Strathoonon) Bremerhayen, 7/31.
COAL TAR INTERMEDIATES Montedison 180 dine:
(33,863 be) (Americane) Genoe, 8/1.
COALTAR INTERMEDIATE Mobey Chemical 600 bgs.

SENZOGUANAMINE James E Fox 881 bgs (44,438 lbs)
(Ever Gihad) Hemburg, 8/1.

BENZOYL CHLORIDE Mariborough Chemicals 1 trik
BENZOYL PEROXIDE Mariborough Chemicals 1 trik
BENZOYL PEROXIDE M G Transport Warehouse 8 os
BENZIL ALCOHOL Chemical Dynamics 50 dms (24,030 lbs) (Aldebaran) Rotterdam, 8/2.

BANCH ALCOHOL Chemical Dynamics 50 dms (24,030 lbs) (Aldebaran) Rotterdam, 8/2.

87.

87.

Order 20 dms (38,376 lbs) (Colombo) Barcelons. COALTAR INTERMEDIATE Mobey Chemical 600 bgs (34,904 lbs) (Strainconon) Bremerhaven, 7/31.

COALTAR INTERMEDIATES Janel intl Profits 122 dms (41,916 lbs) (TFL Frankin) Rotterdam, 7/28.

Mobay Chemical 107 dms (35,439 lbs) (Stratchoonon) Rotterdam, 7/31.

Montediator, 7/31.

Montediator, 180 dms (21,784 lbs) (Zim liber(s) Barcelone, 7/27.

COBALT ALLOYED SCRAP Full Ind 2 dms (1,124 lbs) and alloyed scratch Tokton, 7/31.

87.

87.

Grier 20 dme (9,700 be) (Colombo) Barcelone, 87.

Order 20 dme (9,700 be) (Colombo) Barcelone, 87.

Sign Tank Containers 1 con (41,402 fbe) (Atlantic Concept) Liverpool, 7/28.

EENZY, ALCOHOL ASPARTAME Hatco Chernical 1 ink

SENZY, ALCOHOL TECHNICAL Cdf 78 dms (39,036 lbe)

BEIZY, ALCOHOL TECHNICAL Cdf 78 dms (39,036 lbe)

BEIZY, ALCOHOL Thorson Chemical 78 chms (85,406 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), PROPIONATE Chemical Dynamics 2 dms (981 assizy), Propional Dyna

Ind 640 bgs (35,979 lbs) (Ming Galaxy) Kobe, 6/1.
BETA HYDROXYNAPHTHOIC ACID Meraent Intl 227 bgs (10,210 lbs) (Tohbel Maru) Nagoya, 7/26,
Ueno Fine Chemical Ind 1,180 bgs (58,486 lbs) (Ming

Galaxy) Kobe, 8/1.
BETA NAPHTHOL Montedison 780 bgs (44,089 lbs) (Americana) Genos, 8/1. (44,297 lbs) (Americana) Genos, 8/1. BETA OXYNAPHTHOESAEURE Order 159 dms (33,834

ba) (Koin Express) Rotterdam, 7/29.
BISMUTH SUBNITRATE Award 10 dms (1,213 lbs) (Colombo) Barcelona, 8/7. BITTER ORANGE ESSENTIAL Polarome Mfg 1 dms (421

Iba) (Savannah) Santon, 7/26.
BLACK PEPPER Gel Spice 210 bgs (34,118 lbs) (Ever Goods) Singapore, 7/29. BLANC FIXE POWDER Kall Chemia 1,440 bgs (80,318 ibs) (Ever Gifted) Hamburg, 8/1. Smith Chemical 720 bgs (40, 159 lbs) (Ever Gifted) Ham-

Smith Chamical 720 ogs (40,139 los) (276 Gilles), 139 los) (TFL Franklin)
Richem Materials 720 bgs (40,159 lbs) (TFL Franklin) BLUE POPPY SEED Get Spice 680 bgs (32,998 lbs) (Aldebaran) Rotterdam, 8/2.

BORIC ACID GRANULAR Errichem 1,800 bgs (182,541

ibs) (Capa Hateras) Leghom, 7/30. BRAZILIAN CLOVES East West Intl Trdg 200 bgs (22,355 bs) (Itanegs) Rio D Janeir, 7/28. BROMOTRIFLUOROMETHANE Order 3 tnk (4,259 bs)

(American Astronau) Buenos Aires, 7/31.

BUTANE Order of Shipper 80,000 br (14,080,000 lbs)
(Mundogas Europe) Sullom Voe, 8/8.

BUTANEDIOL Order of Shipper 1 bks (480,398 lbs) (Stott

Tenacity) Antwerp, 8/3. BUTYL ACETATE Janel Intl Fwdrs 76 dms (39,642 lbs) (TFL Franklin) Brenterheven, 7/28.
BUTYL ZIRAM & ETHYL ZIRAM Prochemie Intl 727 bgs (41,962 lbs) (Atlantic Concert) Liverpool, 7/28

CADMIUM OXIDE Order 420 dms (46,167 lbs) (Starfield

Antwerp, 7/28.

CALCIUM FLUORIDE North American Philips Light 64 drns (18,931 lbs) (Letes Maersk) Kobe, 7/31.

CALCIUM OXIDE ALKYLAMINES ETC Vitus 6 con (201,798 lbs) (Ever Gifted) Rotterdam, 8/1.
CALCIUM BILICON Affival 66 dms (39,286 lbs) (Ever

Gifted) Hamburg, 8/1. CARBON BLACK Cabot 88 bgs (5,071 lbs) (Americana) Genoa, 8/1. CARBON GRAPHITE Gunza New York 11 pkg (12,077

CARBON GARAPHITE GUIDZA New York 11 pxg (12,077)
bis) (Lelies Maersk) Kobe, 7/31.

CARBONYL J ACID Livingston Intl Freight 270 bgs
(15,050 lbs) (Ever Goods) Hong Kong, 7/29.

CARNAUBA WAX Frank B Ross 440 bgs (44,872 lbs)
(Bislig Bay) Fortaleza, 7/11.

CASEINATE De Zaan 800 bgs (44,780 lbs) (Ever Gifted)

Rotterdam, 8/1. CASTOR OIL Almoe Oil 1 bks (209,437 lbs) (Mariecal Jose

ASTOR OIL Ambe oil 1 bas (2007) 12-1, (1008) Fol) Sentos, 7/28.
Order of Shipper 1 bks (211,443 lbs) Mariscal Jose Fel)
Sentos, 7/28.
CHILE GLUE Golf & Page 400 bgs (40,144 lbs) (Bislig Bay) Santos, 7/11. HINA CLAY Morris Freidman 80 bbg (88,637 lbs) (Ever Gilted) Folisatows, 8/1.

CHLORACETIO ACID Order 1,584 bgs (179,041 bs) TFL
Frankin) Rotterdam, 7/28.

CHLORINE DRY BLEACH SODIUM DICHLOM 1118 dms
(34,079 bbs) (Starfield) Felixatows, 7/28.

CHLOROBENZALDEHYDE Janel Int

(33,488 lbs) (TFL Frankflin) Rotterdam, 7/28.
CHLORODIFLUOROMETHANE Kall Chemie 1 tnk
(39,683 lbs) (Americana) Barcelona, 8/1.
Order 2 tnk (73,325 lbs) (Nedloyd Rotterda) Rotterdam,

FLUOROCARBON POLYMER Nichimen 320 oms (38,096 lbs) (Leise Maersk) Kobe, 7/31.

Schenkers Inti Fwdrs 98 dms (8,402 fbs) (Tohbel Maru)
Shimizu, 7/28.

FLUOROCARBON POLYMERS SYNTH RUBB Viking
See Freight 322 mix (31,841 lbs) (Tohbel Maru)
Kobe, 7/28.

FORMIC ACID Dan Transport 3 dms (1,713 fbs) (Tadeusz
Koselustki Stretnerhaven, 7/29. 7/29. CHLOROPHENIRAMINE MALEATE USP Orbichem 1 CHLCHOPHENIRAMINE MALEATE USP Orbichem 14 dms (1,728 lbs) (Leise Meersk) Tokyo, 7/31.

CHOLINE BITARTRATE Order 200 dms (23,546 lbs) (Colombo) Bibso, 8/7.

CINNAMIO ALDEHYOE PERFUME GRADE Chemical Dynamics 78 dms (34,392 lbs) (Starflett) Rotterdem, 7/28.

CITRIC ACID Sharut Furniture imports 390 bgs (40,007)
be) (Ever Gifted) Hamburg, 8/1.
CITRONELLA Oil. Order 78 dms (34,908 bs) (Leise) Maerak) Hong Kong, 7/91. CLOVES Intermedia 19 otn (769 lbs) (American Californ)

ibs) (Starried) rotterdam, 7/28.

GLYCERINE Order of Shipper 1 bits (1,122 lbs) (Stott Sapphire) Manis, 7/27.

GLYCINE CRYSTALLINE POWDER Shows Denko America 160 drns (34,215 lbs) (Ming Gaisty) Yokohama, 8/1

(12,125 bis) (Eyer Goods) Keelung, 7/29. GUM MYRRH BLACK HHH 32 bgs (4,650 bis) (Starfield)

COBALT ALLOYED SCRAP Put Ind 2 bins (1.124,005)
(Leise Maersk) Toktyo, 7,81;
COCHINEMINGER Tomms Trog 83 bgs (11.801 this) (American Californ) Bingsbors; 7/28.
COCONUT OIL Anthony, Reddiffe, 1 bits (2,206,786, lbs) (Bhoun Meru No 11) Colombo, 7/21.
Onder of Shipper 1 bits (1,102 bs). (Stolt Sapphire) Cebu, 7/27;
2 bits (2,205 bs) (Bioti Sapphire) Dayso, 7/27;
(2,227 bs) (Bioti Sapphire) ligan, 7/27;
bits (1,102 bs) (Bioti Sapphire) Marsia, 7/27;
bits (1,102 bs) (Bioti Sapphire) Marsia, 8/4;
(11,023 bs) (Bioti Templar) Marsia, 8/4;
COI LIVER (colond Waters hid 75 os (2,815 bs) (Bek-COI LIVER (colond Waters hid 75 os (2,815 bs) (Bek-COI LIVER (colond Waters hid 75 os (2,815 bs) (Bek-COI LIVER)

HYDROQUINONE Mitsul Petrochemical Ind 178 dms

Concert) Gothenburg, 7/28.

INTERMEDIATES Chelses Chemical 42 bgs (13,027 lbs)
(Tohbel Maru) Kobe, 7/29.

IRON SULPHATE George Uhe 383 bgs (40,333 lbs) (Ever

bgs (44,974 lbs) (E R Brugge) Genos, 7/28. CRUDE PALMOIL Welch Home & Clark 1 tnk (44,092 lbs) (Wisdyslaw Sikorsk) Rotterdam, 8/4. CRUSCAPRUNA SACHETS Pan American Container 125 CHUSCAPRUNA SACHETS Pan American Container 125
dms (0 lbs) E R Brugge) Genoa, 7/26.
CRYSTALLIZED GINGER SLICE Tai Wing Hong Imports
100 bgs (0 lbs) (Ever Goods) Keelung, 7/29.
CYANINE BLUE Leyden Customs Expeditors 50 dms
(3,086 bs) (Ming Galsxy) Busan, 8/1.
CYANURIC CHLORIDE Deguesa 375 dms (46,546 lbs)
(Koin Express) Antwerp, 7/29.
Lonza 320 dms (40,071 lbs) Koin Express) Bremerhaven, 7/29.

L ASPARTIC ACID Alinomoto 40 bxs (71,429 lbs) (Ever Gifted) Le Havre, 8/1.

L CARVONE American Shpg 30 dms (13,100 lbs) (American Astronau) Santos, 7/31.

L CYSTEINE HCL ANHYDROUS Angel Products 20 dms (2,425 lbs) (Ming Galaxy) Kobe, 8/1.

LACTIC ACID Fallek Chemical 20 dms (45,856 lbs) (Colombo) Barcelona, 8/7.

LACTIC CABEIN Adamba Imports Intl 1,200 bgs (132,276 lbs) (Tadeusz Kosciuszk) Bremerhaven, 7/29.

LCCTOBIONIC ACID Roussel Pharmaceurioal Produ 2 dms (520 lbs) (Bielig Bay) Rio D Janeir, 7/11.

LAKE RED C AMINE Universal Transcontinental 400 bgs (23,104 lbs) (Ming Galaxy) Buean, 8/1.

LAMPONG BLACK PEPPER A Kazemi 210 bgs (34,118 lbs) (Ever Goods) Singapors, 7/29.

Giffed Rotterdam, 8/1.

DIACETYL Trans Freight Lines 20 dms (8,818 lbs) (TFL Franklin) Rotterdam, 7/28.

DIALLYL PHTHALATE PREPOLYMER Nichimen 820 bgs (43,442 lbs) (Tohbel Maru) Kobs, 7/28.

DIANON Nippon Express 70 dms (38,735 lbs) (Ming Galaxyl Yokohama 8/1. lbs) (Ever Goods) Singapors, 7/29. Dmt 210 bgs (34,118 lbs) (Ever Goods) Singapors, 7/

Santos, 7/26. LINALOOL & LINALYL ACETATE Order 80 dms (33,888)

lba) (Ming Galaxy) Yokohama, 8/1. LOCUST BEAN GUM Tic Gums 880 bgs (44,775 lbs) (Zim 29.
DICHLORODIFLUOROMETHANE LIQUID G John Steer 1
thk (39,330 lbs) (Nedlloyd Rotterda) Felixstowe, 7,
29. Imberia) Cadiz, 7/27. LOCUST BEAN GUM POLYGUM A E Pellet 800 bgs

DIETHYL M AMINOPHENOL Nagase America 20 dms (1,190 lbs) (Tohbei Maru) Kobe, 7/28. DIETHYL SULFATE Order 201 dms (111,867 lbs) (Ming Galaxy) Yokohame, 8/1.
DIETHYLENE GLYCOL Shell Oll 1 bks (2,282 lbs) (Mauranger) Juball, 7/29.
DIETHYLENE TRIAMINE Berol Chemicals 78 dms

ibs) (Ever Gifted) Fellixstowe, 8/1.
Kay Fries 428 pkg (42,701 ibs) (Wladysław Sikorsk)
Bremerhavon, 8/4.
MAGNESIUM SULPHATE ANHYDROUS Potash Import &

(35,252 lbs) (Atlantic Concert) Gothenburg, 7/28
DIETHYLENETRIAMINE CORROSIVE LIQ Trafpak 1 tnk
(41,976 lbs) (Starlield) Rotterdam, 7/28.
DIHYDROMYRCENDL E L Scott 72 dms (32,289 lbs)
(Colombo) Cadiz, 8/7.
DIHYDROSTREPTOMYCINE Rhone Poulienc 217 cm (7,749 lbs) (Atlantic Song) Le Havre, 7/30.
DIMETHYL DIPHENYL Disogrin Ind 200 drns (23,810 lbs)
(Tohbel Maru) Tokyo, 7/26.
DIMETHYL SULFOXIDE Order 2 tnk (83,887 lbs)

(Tadeusz Kosciuszk) Rolterdem, 7/29.

DIMETHYLANILINE Order 1 Ink (39,883 lbs) (Koln Express) Antwerp, 7/29.

DIMETHYLSULFOXIDE Order 2 con (83,843 lbs) (Ever

Summit FOS, 7/30. DIPENTAERYTHRITOL Order 800 bgs (35,979 lbs) (Ming Galaxy) Yokohama, 8/1. Sumitrana 840 bgs (28,783 lbs) (Ever Goods) Tokyo.

7/29.
DIPENTENE Stolt Tank Containers 1 trik (43,188 lbs) (Tadeusz Kosciuszk) Rotterdam, 7/29.
DIPHENYL METHANE DIISOCYANATE Mobay Chemical
4 dms (2,370 lbs) (Stratchconon) Rotterdam, 7/31.

COPAL F H Paul & Stein Brothers 2 bgs (229 bs) (Tadeusz

Kosciuszk) Bremerhaven, 7/29.
CORIANDER Cgm French Line 1,280 bgs (138,890 lbs)
(Atlantic Concern) Le Havre, 7/28.
360 pgk (39,683 lbs) (Atlantic Concert) Le Havre, 7/28.
CREAM OF TARTAR vio 720 bgs (80,169 lbs) (Americans)

Barcelona, 8/1.
CREAM OF TARTAR POWDER Tartaric Chemicals 440

haven, 7/29.
CYCLOHEXANONE SURFACTANTS Autotype 1 ca (772 lbs) (Atlantic Concert) Liverpool, 7/28.
CYCLOHEXYLAMINE HYDROCHLORIDE Nachern 6 kgs

(714 lbs) (Koln Express) Greenock, 7/29.

(714 lbs) (Koln Express) Greenock, 7/29.

CYSTEAMINE HYDROCHLORIDE Chamical Dynamics
40 dms (2,489 lbs) (Leise Maersk) Tokyo, 7/31.

DALMATO SAGE LEAVES Louis Furth 319 bis (35,163

Galaxy) Yokohama, 8/1.

DICHLORDIF-LUOROMETHANE Kall Chemia 1 tnk
(41,887 fbs) (Americans) Barcelona, 8/1.

John Steer 2 tnk (83,776 lbs) (Yadeusz Kosciuszk) Rot-

terdam, 7/29. Order 1 con (35,097 lbs) (Koln Express) Greenock, 7

ETHANOL B P Chemical Americas 2 bks (4,867,250 lbs)
(Jo Brevik) Rotterdam, 8/5.
ETHYL CHLOROTHIOFORMATE Fito Sanitarios 1 tnk
(41,299 lbs) (Colombo) Cadiz, 8/7.
EUGENOL Roshilg Fwdg 15 dms (7,258 lbs) (Colombo)
Barcelons, 8/7.
FASTOGEN BLUE K C Alba Fwdg 3,215 bgs (195,711 lbs)
(Ming Gelaxy) Yokohama, 8/1.
PERROUS FIMARATE USP Order 345 dms (40,311 lbs)
(Tarfeusz Kospiuszk) Rotterdam, 7/28.

(Tadeusz Kosciuszk) Rotterdam, 7/28. FISH OIL Tci Carriers 20 dms (9,171 lbs) (American Lynx) Rotterdam, 8/7. FLUOROBORIC ACID Leschaco 1 tnk (33,422 lbs) (TFL

Frankin) Bremerhaven, 7/28. FLUOROCARBON F 112 Order 50 dima (36,286 lbs) (Ming Galaxy) Kobe, 8/1. FLUOROCARBON POLYMER Nichimen 320 dms (38,096

Koscuszki Bremerhaven, 7/29.

Koscuszki Bremerhaven, 7/29.

GAYUBA PRIME LEAVES Order 134 bgs (13,294 lbs)

(Cape Hateras) Valencia, 7/30.

GELATINE Corbett Inti 800 bgs (45,416 lbs) (Zim Iberia) Barcelone, 7/27. 200 clms (48,958 lbs) (Sea Land Adventur) Algeotras.

400 dms (83,916 lbs) (Ever Summit) Fos, 7/30, O C Lugo 3 dms (582 lbs) (Kdin Express) Greenock

Peter Cooper 800 bgs (45,415 lbs) (Susak) Marsellie, 9/1. 3NGER Leyden Customs Expeditors 367 bgs (33,029

QUIAFENESIN USP Sea Horse Continer Line 100 dris

GUM MYRRH BLACK HIHI 32 bgs (4,550 bs) (Starfield)
Bremen, 7/25,
GUM ROBIN Pine Delivatives Marketing 840 bgs (46,297
bbs) (TFL Frankin) Rotterdam, 7/28,
HEPTANIS Order of Shipper 1 bits (1,590,716 bbs) (STott
Transity) Rotterdam, 6/3,
HEXYL BROMIDE Ameribrom 3 dms (1,720 bbs) (Wisdys-law Skorist) Rotterdam, 8/4.
HIDE GLUE TD Downing 340 bgs (38,228 bs) (American
Cellipmi) Kobs, 7/28,
HYDROCHLORIO AGID Trans World Shipg, 144 dms
77, 778 bs) (Ming Statuy) Kobs, 8/1.
HYDROCUNONE, PHOTO GRIDE Mitsul 720 bgs (41,023)
Ips) (Ming Satsy) Kobs, 8/1.

Sentember 8, 11 084

(42,970 be) (Ming Galaxy) Kobe, 8/1.
HYDROXYLAMINE SULPHATE Virginia Chemicals 720
bgs (39,683 ba) (Aldebaran) Rotterdam, 8/2.
720 bgs (40,992 lbs) (Wiladyslaw Sikorsk) Rotterdam,

8/4. ISULIN E R Squibb & Sons 18 ptt (23,940 lbs) (Atlantic

Glifted) Hamburg, 8/1.

159 mix (43,488 lbs) (Ever Glifted) Hamburg, 8/1.

159 mix (43,488 lbs) (Ever Glifted) Hamburg, 8/1.

ISOPHYTOL Order 1 tnk (35,759 lbs) (Atlantic Song) Rotterdam, 7/30.

JELUTONG GUMS L. A Dreyfus 72 plt (182,334 lbs) (Ever Goods) Singapore, 7/29.

bb) (Susak) Rijeka, 8/1.
DEAD BURNED MAGNESITE Continental Minging Metal-lur 1 bks (10,825 bs) (Astral Neptune) Darlen, 7/28.
DEXTRINE Order 725 bgs (40,359 bs) (Ever Gifted) Rotterdam, 8/1. DEXTRINE MF STARCH Order 800 bgs (44,533 lbs) (Ever

EAD STEARATE Edp int 675 bgs (33,781 lbs) (Ever

Goods) Keelung, 7/29.
LIME OIL Fritzsche Didge & Olcott 5 dms (2,196 lbs) (San Pedro) Haina, 8/1.
LIMONENE Firmenich 95 dms (35,804 lbs) (Savannah)

(40,582 lbs) (Colombo) Barcelona, 8/7.

MADAQASCAR CLOVES George Uhe 350 bgs (39,551 ibs) (Starffeld) Rotterdam, 7/28.

MAGNESIUM CHLORIDE Potash Import & Chemical 400 bgs (40,441 lbs) (Koln Express) Bremerhaven, 7/29.

420 bgs (42,938 lbs) (Ever Gitted) Hamburg, 8/1.

MAGNESIUM OXIDE Betz Laboratores 720 bgs (40,080 lbs) (Ever Gitted) Felixetows, 8/1.

Chemical 800 bgs (60,688 lbs) (Koln Express) Bromer haven, 7/29.

MALABAR BLACK PEPPER, John S Connor 428 bgs (67,m846 lbs) (American Californ) Singapore, 7/28.

MALABAR BLACK PEPPER MG 1 John S Connor 214 bgs (33,823 lbs) (American Galiforn) Singapore, 7/28. MALABAR BARBLED BLACK PEPPER MG A Kezemi

 MALABAR BARBLED BLACK PEPPER MG A Kazemi 214 bghs (33,779 lbs) (American Californ) Singa-pore, 7/28.
 Dmt 871 bgs (137,330 lbs) (American Californ) Singa-pore, 7/28.
 Gel Spice 215 bgs (33,882 lbs) (American Galiforn) Sin-gapore, 7/28.
 Man Producten 1,855 bgs (293,233 lbs) (American Cali-forn) Singapore, 7/28.
 MALABAR GARBLED BLACK PEPPER MG dmt 215 bgs (33,381 lbs) (American Californ) Singapore, 7/28. (33,938 lbs) (American Californ) Singapore, 7/ Gel Spice 215 bgs (33,938 lbs) (American Californ

Gei Spice 215 bgs (33,938 fbs) (American Californ) Singapory, 7/28.
Jantzen & Deake 428 bgs (67,374 lbs) (American Californ) Singapore, 7/28.
John S Connor 642 bgs (101,469 lbs) (American Californ) Singapore, 7/28.
Koospol 643 bgs (101,367 lbs) (American Californ) Singapore, 7/28.
Man Producten 2, 100 bgs (331,030 lbs) (American Californ) Singapore, 7/28.
R T French 1,070 bgs (169,115 lbs) (American Californ) Singapore, 7/28.
MALABAR PEPPER MG 1 Man Producten 214 bgs (33,779 lbs) (American Californ) Singapore, 7/28.
MALABAR PEPPER MG 1 Man Producten 214 bgs (33,779 lbs) (American Californ) Singapore, 7/28.
MALACHITE GREEN All 288 dms (25,009 lbs) (Colombo) Barcelona, 8/7.

Barcelona, 8/7. MALEIC ACID Huels 720 bgs (40,982 lbs) (Strathconon)

MALEIC ACID Huels 720 bgs (40,452 lbs) (Graduschen)
Rotterdam, 7/31.
MAGANESE BRONZE BARS Cosmos Shpp 11 crt
(10,851 lbs) (Basig Bay) Santos, 7/11.
MENTHOL CRYSTALS Citrus & Asiled Essences 22 clms
(2,458 bs) (Ever Goods) Keelung, 7/29.
MERCURIC ACETATE POWDER Troy Chemical 200 dms
(24,458 lbs) (Colombol Velacels, 8/7. (24,692 lbs) (Colombo) Valencia, 8/7. MERCURIC NITRATE M. G. Transport Warehouse 21 pkg

MERCURIC NITRATE M G Transport Warehouse 21 pkg
(121 bs) (American Lynx) Bremerhaven, 8/7.

METHACRYLIC ACID Deguesa 1 ink (39,771 bs) (Koin
Express) Bremerhaven, 7/29.

METHYL 12 HYDROXY STEARATE Order 1 ink (39,727
bs) (American Astronsu) Santos, 7/31.

METHYL ETHYL KETONE Order 1 bks (1,100,580 bs)
(Shoun Emperor) L Aveira, 8/8.

Order of Shipper 1 bks (1,102,759 bs) (Stolt Tenacity)
Rotterdam, 8/8.

Rotterdam, 8/3.
METHYL METHACRYLATE MONOMER Surface Air Intil 1 thi (38,903 lbs) (Ever Gitted) Fellixatows, 8/1. METHYL P TOLUENESULFONATE Order 13 drns (7,308 Rs) (Ever Goods) Keeking, 7/28.
METHYL UNDECYLENATER Intl Flavors & Fragrances 1 dms (0 lbs) (itanage) Rio D Jenier, 7/28.
METHYLCELLULOSE Henkel 880 bgs (44,815 lbs) (Nedloyd Rotterds) Rotterdam, 7/29.

(Nedloyd Rotterda) Rotterdam, 7/29.

METHYLENE BLUE Davise Turner 80. dma (9,704. lbs).

(Atlen86 Concern) Livespool., 7/28.

METHYLPENTENE POLYMERS Mitsul 40 bgs. (46,738. lbs). (Tohtel Maru) Kobis, 7/26.

MICRO WAX Pansipina 4,350 dm (223,019. lbs). (TFL. Frankin) Flexistowe, 7/28.

MICROWAX Sosilop Lubricanta & Chemica 31. bxs. (44,938 lbs). (Ever Gifted) Rotterdam, 8/1.

MICROWAX LMP Sosilop Lubricanta & Chemica 24 bxs. (34,7590 lbs). (Ever Gifted) Rotterdam, 8/1.

MICROWAX MMP Sosilop Lubricanta & Chemica 192 bxs. (10,886 lbs). (Ever Gifted) Rotterdam, 8/1.

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MICROWAX LMP Sosilop Lubricanta. & Chemica 24 bxs. (10,886 lbs). (Ever Gifted) Rotterdam, 8/1.

Continued on Page 53

# UNIVERSAL PROCESS EQUIPMENT, INC. MAILING ADDRESS BOX 338 ROOSEVELT, NEW JERSEY 08555 PLANT SITE: U.S. 130 SOUTH, ROBBINSVILLE, NEW JERSEY 08691 609-443-4545 TELEX 833021

WE WANT TO BUY YOUR SURPLUS USED EQUIPMENT/PROCESSES/PLANTS

# OVER 15,000 PIECES OF PROCESS EQUIPMENT IN STOCK...CALL TODAY!

#### LATEST ADDITIONS

* HAST C * HAST C * HAST C * 10,000 GAL. HAST VERT. MIX TANK 60 PSI 4,000 GAL. HAST C REACTOR 125 AND FV/175 NEW 1900 SQ. FT. HAST C HEAT EXCHANGER

(2) Niagara mdl. 36 H 190 SS Pressure LF Filters. 190 sq. ft. (5)440 cu. ft. SS rot. vac. dryors comp. w/dus collectors, condensor etc. (1) 4000 gal. G/L reactor 100FV/150FV (1) 6000 gat. SS reactor 70/175 pal, 1/2 pige cell jkt

48"x 24" TOLHURST SS "BATCHAMATIC"CEN-TRIFUGE COMPLETE LATE MODEL STILL IN-STALLED (6)

(2) 1200 TONS CARRIER CHILLER SYSTEM 2 LATE MODEL 6'x 61' RENNENBERG 304 SS ROTARY DRYERS COMPLETE & (3) 5'x25' NASH VACUUM PUMP SYSTEM MDL. CL 3001 AND MDL. 9001 COMPLETE WITH MOTOR & ACCESSORIES

10,000 TON/YEAR MALEIC ANHYDRIDE PLANT

2 DRAIS 30 HP & (2) 75 HP SAND MILLS SS 12"x 30"& 24"x 38"SS S/B CENTRIFUGE 2 SS NIAGARA 42-310-22 VERT. LEAF FILTERS **CUMBERLAND PELLETIZERS 8"& 6"(7)** 30 CU. FT. 316 SS DBL. CONE VAC. DRYER 36 SQ. FT. LUWA THIN FILM EVAPORATOR

8,500 GAL. INCONEL REACTOR, 60 PSI, AGIT. 2,000 GAL. 316SS REACTOR, 1000/100 psi 1,300 GAL. 316SS REACTOR, 150 FV/125 PSI

4000; 5000; 6000 GAL, AĞİTATED REACTORS VERY ATTRACTIVE PRICES

#### CENTRIFUGES

BASKET 48":30" Sharples 316 mdi. T1600 (3) 48":30" Tolhurat Hast. C Auto (3) 48":X24", 31688, Automatic, W/plow **PUSHER TYPE** Bird-Escher Wyes, 31688, Mdl. P500, 20", UNUSED DoLaval, 25", 25tages, 31688 DISC/BOWL Dalayai, McH. BRPX-309, SS, veri., & McH. BA-00,SS Westphalia 304 88 McH. SAMN-5036 Delayai, 25", 2-Stages, 316 88 SOLID BOWLS Sharples, Mdf. P1000, P3000, P5000, P5400, (2), PY 414 88 Bird, 40"X60", 35"X72", 32"X50", 24"X38", 18"X42', 18'x28" SS Podbleiniak Mdf. 6000 comp. w/controls

VACUUM DRYERS 325 cu .ft. Abbe, 304 SS dbl. cone

***** 

200 cu .ft. 316SS, 6'6"x11'6", rotary 164 cu. ft. Devine 304 SS dbl. cone 164 cu .ft. Paterson "Conaform," 316SS Dbi. cone 150 cu. ft. SS Twin Shell 150 cu .ft. SS, & 150 cu.ft. Nickel clad 125 cu .ft. SS & CS, 4'x14', 105/90/150 psi

125 & 83 cu. ft. Buflovak SS Rotary | 60 cu .ft. Paterson Kelly, SS, dbl. co<u>ne</u> 40, 30 & 20 cu.ft. Stokes, SS rotary (4) 30 cu .ft. Pfaudler G/L dbl. cone vacuum

WE RENT/LEASE & SELL CHILLERS

#### CORN SYRUP/STARCH PLANT

200,000 lbs/HR @ 300 psi st. boller 150,000 lbs/HR @ 700 psi pkg. st. boller 50,000 lbs/HR @ 250 psi pkg. st. boller 6'x50' 304 SS rot. hot air dryer 6'x50' 304 SS rot. hot air dryer
5'x30' CS rot. hot air dryer
4'x31' 72 tube SS rot. at. dryer
24,000 sq. ft. triple effect evap. Ti tubes
600 sq. ft. U.S. Autojet filter celicote ind (3)
500 sq. ft. Hercules 316 ELC pr/lif filter (4)
12'x15' Elmco beit CS rot. rac. filter (2)
7'6"x16' Elmco 316 SS precoat filter (2)
8'x10' Elmco 316 SS pre coat filter (2)
500 sq. ft. 316 SS plate ht. exch.
265 sq. ft. APV 316 SS plate ht. exch. 265 aq. ft. APV 316 SS plate ht. exch. Ducon SS wet acrubbar 11500 cfm 20,000 gal 316l SS V mix tank 13'x20' 9,000 gal SS vert. mix tank 13'x8' 7,000 gal 316 SS V cone botm. tank 10'8"x9'6" 6,500 gal 316 SS V cone botm. mix tank 12'7'8" 5500 gal 316 SS Mix tank 12'X6' 3000 gai 89 V mix tank 9'x6'6" (3) 3000 gai 316 V vac. tank 15 pai/FV PLUS MANY MORE ITEMS CALL FOR DETAILS

HEAT EXCHANGERS

SQ.FT MATERIAL 1,600(UNUSED) 304SS/304SS SQ.FT. MATERIAL SQ.FT 14,615(UNUSED) TITANIUM 1,600(U 12,250(UNUSED) CS/304LSS (3) 1166 304SS/3048S 1,024(UNUSED) SS/PLATE (2) CS/3048S CS/304LSS 304LSS (8) 30455/3045 CS/304LSS 586(UNUSED) CS/304LSS (2 GRAPHITE 461(UNUSED) CS/304SS 3,488(UNUSED) 2,721 304LSS CS/304LSS C/S GRAPH CS/304LSS 2384 2200(PLATE) ritanil**im** CS/SS (5) 316SS/316SS TITANIUM (2) 304/3045S TITANIUM 275

VARIOUS GRADES OF STAINLESS STEEL AVAILABLE UP TO 24,000 SQ.FT. MANY USUSED. ALL MATERIALS & PRESSURES

4 PASSAVANT MDL. 200 **VAC-U-PRESS BELT FILTERS** 250 SQ. FT.

#### **GLASS * GLASS * GLASS** REACTORS

3,000 GAL. DEDIETRICH, 100/90, PHILA. DRIVE 3,000 GAL. RA SERIES, 100/90 TW, REGLASSED 2,000 GAL RA SERIES, 100/90 TW, REGLASSED 1,000 GAL RA SERIES, 100/90 TW, REGLASSED 1,000 GAL. HA SERIES 25/90 (4) 750 GAL 25/90 TW, (2) 500 GAL RA SERIES, 100/90, TW 400 GAL. E, SERIES, 25/90, TW 300 GAL. E, SERIES, 25/90, TW 200 GAL E, SERIES, 25/90 REGLASSED. TW 100 GAL, E. SERIES, 25/90, TW

**OVER 100 GLASS LINED REACTORS IN STOCK** 

#### **GLASS LINED TANKS**

FROM 5-22,000 GALLONS TRAKER LOADS OF GLASS LINED PARTS AVAILABLE • LOU FALCONE-OUR G/L SPECIALIST WITH 21 YRS. EXPERIENCE IS HERE TO HELP YOU! •

FILTERS

12"X15" "EIMCOBELT" ROTARY VAC. FILTER SYSTEMS (2)
8"X20" EIMCO, 3168S, HORIZ. VAC. BELT EXTRACTOR
8"X14" EIMCO, 3168S, PRECOAT ROTARY VAC. FILTER
8"X12" AMETEK, 3168S, ROTARY VAC. FILTER, 300 SQ.FT.
5"X8"6 AMETEK, 3168S, ROTARY VAC. FILTER, 137 SQ.FT.
5"X2" EIMCO POLYPRO EXTRACTOR SETTLERS (3)
4"X20" ST.LINE HORIZ. VAC. BELT FILTER SYSTEM
12"x 13" EIMCO H. BELT EXTRACTOR
48" SHRIVER ALP POLYPRO CGR FILTER PRESS, 57 CHAMBERS
48" POLYPRO REC. P/F AUTO FILTER PRESS
42" DURCO QUADRAPRESS MDLOPF-42/20-55, POLYPRO

DUST COLLECTORS
S8 & CS, PULSE JET AND SHAKER TYPE
400-112.000 80.FT.

WE HAVE OVER 700 SS TANKS IN STOCK

#### COMPLETE PLANT SITE FOR SALE

Former Synthetic Gas Plant. 60 acres of land, 75,000 sq. ft. of building built in mid 70's. Complete with all improvements including rail and pipe line transmission. We will sell entire facility or individual pieces of equipment. Major pieces are:

- (2) 7.2 million cu. ft. per day hydro gen plant
- (4) 150.000 LB/HR 620 psi Boiles complete with Demineralizer sys-
- (2) 2500 KVA Generators

**Emergency Turbine Generator Solar** Centaur 3700 HP complete

100's of Heat exchangers-CS and SS up to 15,000 sq. ft.

100's of Pumps and Compressors

100's of Tanks - both atmospheric) and pressure

CALL FOR DETAILS!

19,000 GALABII6 SS FERMENTATION SYSTEM

CALL NOW ABOUT GIANT RHODE ISLAND & NEW JERSEY LIQUIDATION

ALL EQUIPMENT STILL INSTALLED

(89) Glass lined & SS Reactor system complete with condensers, receivers and control panels. from 50 gal. to 4000 gal.

40) Filter Presses polypro & SS from 18" to 56" plate and frame recent plates.

25) Vacuum dryer systems comp with condensers, vacuum pumps and receivers.

Double Cone: glass & SS. Rotary 316 SS vacuum dryers Vacuum Shelf SS and Heresite lines

(18) Centrifuges 316 SS automatic by ket centrifuges complete with control and nitrogen purge Scrubber systems/Vacuum tems/Glass lined and SS tank family MUCH MORE !!!

WE WANT TO BUY YOUR SURPLUS EQUIPMENT, PROCESS OF AND COMPLETE PLANTS. WE HA OUR OWN DISMANTLING CREE

ENOLITION/ASBESTOS REMOVAL

RIGGING/DISMANTLING

WE ARE EXPERTS AT DISMANTLING. REERECTION, RIGGING DEMOLITION AND ASBESTOS REMOVAL WITH TER-RIFIC REFERENCES BOTH NATIONALLY AND INTERNATIONALLY

CALL US TODAY FOR A QUOTATION ON YOUR CURRENT NEEDS OR ADD US TO YOUR BIDDERS LIST FOR ANY FU-URE PROJECT (201) 390-9550

#### DRYERS

Drum Dryers/Flakers oryer 1 32" die.x 108" Blaw Knox Cl dble. drum dryer |} 32°die. x 17'6'' Sandvik SS belt flaker |} 38°die.x 10° Buflovak CI dbie. drum dryer |} 42°die.x120''Blaw Knox CI dbie. drum dryer ) 48"dis.x 28" drum flaker, chrome plated drum 48"dia.x 40" Ci flaker, mig. by Buffalo Foundary 1) 48"dia.x 40 drum flaker, nickel plated drum, mfg. Blaw-Knox

88 Flizpstrick Model FA 250, SS, 20 HP XP

) Western Precipitation Model P80SSO-A Western Precipitation Model PROSSO-A, twin screw, 12" dia. x 20" long, SS conetr., jckt. rated 15 psi, complete with 7.5 HP vari-apsed drive. Joy Processor, CS, single screw, 16"x16" long, rated 110 psi @ 340° F., sprocket & chain drive by 1.5 HP variapsed drive.

Rotary Vacuum (1) 200 Cu. Ft. Stokes, SS conetr., compit.
(2) 185 Cu. Ft. Preudier, Double Cone, G/L., 30
&FV/50 pal jktd., 15 HP vari-drive
(1) 160 Cu. Ft. Blaw Knox, Nickei
(2) 132 Cu. Ft. Stokes, Nickei
(1) 72 Cu. Ft. Blaw Knox, SS
(1) 80 Cu. Ft. Titenium Double Cone
(1) 60 Cu. Ft. Titenium Double Cone
(1) 60 Cu. Ft. Gemco, 316SS sanitary, double

(1)37.8 Sq. Pt. Horiz. Thin Film, vac. int. & 150 pig. 304/31658 (1) 30 Cu. Ft. P-K Twin Sholl, 3048S (1) 20 Cu. Ft. Abbe Twin Cone, 3048S

(1) 30":23" Bowen Laboratory w/3" cone bottom, 85 constr., w/centrifugal atomizer, 3.
HP blower & motor.(1)
HY lab size 32" diax2"w/2"cone w/centrif.
81omizer \$5 contects
(1) 7":0" Dis. Anhydro Complete System,
8anliary \$5
(1) 16" dis. Bowen compit. system \$5 contects, new 1975

CENTRIFUGES

|Delaval BRPX 309, SS, 20||P ||United Model B-10 Podbielniak, Alloy 20 Sharples AS-26, SS Sharples AS-16P, 316SS (1) Alia-Lavai SS Decanter, Horiz., Mdl. NX314 (4) Dorr Oliver Mdl. CH30 CSU "Morco," 31665

(1) Oer Oliver Mdl. CH30 CSU "Merco, cotacts, 150 Hp cotacts, 150 Hp (1) Bitat Perkina S-82 "Pusher Typo," SB, 50 HP (1) Bitat 28", 316 ELC, contour bowl. (2) Bitat 28", 336", 31688, 40 HP (1) Shaples P-1000, SS 20HP (1) Shaples P-1000, SS 20HP (1) Wasted Bird 36 x96, 3171, 88

1) Tolherst 48" x 24" perf. basket, 31688 senikry, auto, plow & discharge, rated 65 \$/cu ft. @ 900 RPM, 20 HP XP.

1) Tolhwat 48" x 24" Batchmester, 31688, perf.
basket, w/hydr. plow & 20 HP hydr. drive
1) Tolhwat 48" x 24" Batchmester, rubber tined,
perf. basket, w/hydr. plow & 20HP hydr. drive
lined, perf. basket, w/hydr. plow & 20 HP
hydr. drive
lined, perf. basket, w/hydr. plow & 20 HP

Western states 48"x 24", 316 SS / Western states 48" x 24", 316 SS
) Pictory 48" x 28" Suspended type, SS perf.
) Shaples Tornado 48" x 30", 318SS, perf.
) Shaples Tornado 48" x 30", 318SS, perf.

(1) Alfa Laval Model MAPX 210 T24, SS wetted parts

Parts Model MAPA 4.13

Parts Parts Model MAPA 4.13

Alshaples C-27, 318 SS, wetted parts, 40 HP

(1) Sharples C-20, Super-D-Hydrator, SS, 30 HP

(1) Dorr Oliver Mercone Screener Model C-400 X'

al SS, twin acrew disch., 10 HP

PARTIAL LISTING ONLY

**EVAPORATORS** 

(1) 1.4 sq. Ft. Luwe Wiped Film, 316SS, 1.5 HP (1) 1.4 sq. Ft. Luwe thin film SS (1) 2.5 Sq. Ft. Rodney Huri Turbo Film 347 SS (1) 5.4 sq. Ft. Luwe filmtruder, 316 LSS (1) 6.54 Sq. Ft. Volator Evaporator System, 316 SS contracts, 15 pal & FV & int., 150 pal | kt. (1) 8.7 Sq. Ft. Rodney Huni Turbo-Film, 304 SS contact parts, 15 pal & FV/150 pel | ckt. (1) 10.8 Sq. Pt. Luwa SS Wiped Film Evap. System, 15/550 pal (1) 19.5 Sq. Ft. Volator Turba-Film, 304 Santt. SS FV/150 pal 10HP

(1) 20 Sq. Ft. Kontro Horiz. Adjust-O-Film. 318ELC, 50 palg, 15

(1) Approx 31 Sq. ft. Vart., Turbo-Film Processor, 304 SS

Contects (1) Like New 37.8 Sq. Ft. Luwa Hortz. Thin-Film Dryer, 304/316L

SS (1) 40 Sq. Ft. Kontro Adjust-O-Film, SS constr., 20 HP (1) 47 Sq. Ft. Artisan rising Film, Hast. "C" (1) Approx 51 sq. ft. Pfauder Wiped film, 316 SS, 100/85 & FV (1) 80 Sq. Ft. Kontro Wiped Film Syst., SS constr., FV/150 pst.

(1) UNUSED 86 eq. ft. Luwe thin film dryer horiz. 316 L welled

parts, FV int., 150 pai sat steam jkt. (1) 141 Sq. Ft. Rodney Hunt Turbo-Film, 316 SS 15 pai int., 35 pai

**OCCUPANTS** 

& SIZES

**BLENDERS** 

BLENDERS

800 Cu. Fl. jatd. Db.Rbm., C8
Approx., 480 Cu. Ft. C8, 75HP
UNUSED 460 Cu. Ft. Marion Paddle, CS, 75 HP
300 Cu. Ft. CS Dbl. Cone, 30 HP
200 Cu. Ft. K8 31685 Dbl. Cone
175 Cu. Ft. Pk. Twin Sholl, 316SS
69.3 Cu. Ft. C5 Dbl. Cone, 7,5 HP
63 Cu. Ft. Marion Raddle, CS
60 Cu. Ft. Sone Andle, CS
60 Cu. Ft. Genco Dbl. Cone, 30485
30 Cu. Ft. Pk., 304 SS, W/Je, bar.
20 Cu. Ft. Pk., Twin shell, SS
16 Cu. Ft. Robinson Dbl. Rbn. C8
16 Cu. Ft. Genroo Dbl. Cone, CS, 114HP
0 Cu. Ft. Genroo Dbl. Cone, CS, 114HP
0 Cu. Ft. WG Marion SS
0 Cu. Ft. WG Marion SS
0 Cu. Ft. WG Co. Cone, CS, 114HP
0 Cu. Ft. Pk. Sonlt Twin Shell 114HP
0 Cu. Ft. Pk. Sonlt Twin Shell, SS Conetr., W/pln int. bar
1 Cu. Ft. Pk. Twin Shell, SS Conetr., W/pln int. bar
1 Cu. Ft. Pk. Twin Shell, SS Conetr., W/pln int. bar
1 Pk. Zig zag

Propane Storage System 20,000 gai. Capacity Propane

Compressores, Pumps

400 gal. G/L. Plaudier Vert Re-clever, 55 Pal. 1750 gal. Reactor 316 SS, 15 PSI

St Regis Bag Packer, Model#718

MLT 5000 Gal 304 BB lektd. MIX

int. 40 pei Jckt.

Storage System consisting of 2-80,000 Gal. Propane Tanks,

i) 1 Sq. Ft. Artisian "Kontro" Ajust-O-Film ays., 316SS I) 1.4 Sq. Ft. Luwe Wiped Film, 316SS, 1.5 HP

BUY DIRECT FROM PLANT SITE AND SAVE

#### ATTRACTIVELY PRICED

1 - Approx. 51 Sq. Ft., Pfaudler, Wiped Film Evapor. 316 SS wetted parts ASME Coded,. Jacket rated 100 psi w/Internal vacuum. Complete w/flange mounted motor to Pfaudler TW drive w/mechanical seal, lubricator & integral heat exchanger. Call today for more details

9650 SCFM Thermo Energy Recovery System

#### **FILTERS**

Pressure Leaf 1-562 Sq. Ft., 318ELC, Hercules, 28 leaves 1-512 Sq. Ft., 316SS, Niagara, 21

1-400 Sq. Ft. R/L Sparkler 1-327 Sq. Ft., 304SS, Ind. Filter, 11 1-320 Sq. Ft. Durco 316 SS, 11 Leaves

1-259 Sq. Ft. Pronto Mdi. #3259, 75 psig 1-Approx. 206 Sq. Ft., SS, Sparkler,

1–200 Sq. Ft., SS, Hercules, Horiz. 1-191 Sq. Ft. Enzinger, SS, Vert., 75 psi 1-157.64 sq. Ft. Sparkler model 55-5-28, 31699 1–150 Sq. Ft. Horiz., 12 Vert. Leaf

I-135 Sq. Ft. Ni, Bowser, Vert. 1-35 Sq. Ft. Hercules Model 5, 316 SS. horiz, tank vert leaves 50 psi

Rotary Vacuum

1-56.5 Sq. Ft. KS, Inconel 600 1-56.5 Sq. Ft. K-S, 316SS, flexibelt

disch.
1-87.92 Sq. Ft. Feinc, SS wetted parts, spring disch., 56" dis. x 6' face drum
1-132 Sq. Ft. Dorr Oliver, 304SS, maxi-

1-32 Sq. Ft. Dorr Oliver, 3045S, maxibel disch.

1-200 Sq. Ft. Elmco, 316SS, 8'x8'
4-250 Sq. Ft. D.O. 316L SS Precoat, 8" x10', sanit

1-250 Sq. Ft. K-S 316SS, coil disch.

1-300 Sq. Ft. Elmco, 316SS wetted parts, precoat type w/knife disch.,

10" dis. x 10' drum, compit. w/control panel & aux. equipment

-314 Sq. Ft. Elmco, precoat disch., 31688 31685 1-400 Sq. Ft. Elmco, CS, Precost 1-500 Sq. Ft. Elmco, 3168S, belt disch. 1-3'x1' 3168S, knife disch. 1-3'x1' Dorr Oliver, FRP w/receiver &

Nash H4 vac. pump, 10 HP 1-3'x 1' K-S comp. eys., 316 SS Flex-

Alfa-Laval Centrifuge: Model

BOODgal. CS. Ammonia Storage

75 gal. Groen Kettle, SS Single motion, 125 Pel Jokto.

CO FILTER BONANZA OC

Sparkler preseure leaf Filters, All stainless Steel Construction 2:Model #33D9

Mode # BD12

NX214/314.

Tank, 250 PSI

#### ** SPECIAL OFFER ** 4-DRAIS SAND MILLS, TYPE PM-80STS-DDA. MANUFACTURED 1984-85. PRICED TO SELL . CALL FOR DETAILS

#### **MIXERS**

**EQUIPMENT WANTED** GOOD, USED, CHEMICAL, PHARMACEUTICAL & RELATED

EQUIPMENT - CENTRIFUGES.

DRYERS, FILTERS, REACTORS,

WE WILL PURCHASE INDIVIDU

AL ITEMS OR COMPLETE

CALL OUR OFFICE TODAY. TOP DOLLARS PAID. NO DEAL TOO

GLASS...GLASS...GLASS

WE ARE GLASS SPECIALISTS WITH A TREMENDOUS INVENTORY FEA-

turing unused, used and reg-

LASSED ITEMS. OUR SHOP PER-SONNEL ARE FULLY TRAINED TO

REACTORS

4,000 Gal. Pfaudier, 100/90 psi, TW 1,000 Gal. Pfaudier, 100&FV/90 psi,

1,000 Gal. Pfaudier, RA60 Series, 100&

FV/90 psi, 4DW 1,000 Gal. Pfaudler, RA60 Series, 100& FV/90 psi, 4TW 800 Gal. SS clad, 60/60 psi 750 gal. DeDietrick, Phila drive

500 Gal. Plaudier, 100&FV/85 pal, BH

Grive
Gal. Pfaudier, 25 & FV/85 pal, 2 HP
50 Gal. Pflauder Body-UNUSED, 25 FV/100psl

· Partial Listing - Much More inventory Glass Lined Storage Tanks & Parts also Available.

4,000 Gal. 316SS, Atmos./50 psi, withcolls

3,000 Gal. 347SS Blaw Knox, 150/50 psi

2,500 Gal. 316L SS, 75/75 psi, 150 psi int. colls

2000 Gal. Nooter Autoclave, 316L 2000

2,000 Gal. Dusonberg, 316 SS,15/35 &

1,750 Gal. 31695 Nolte, 1467/50 psi

1,500 Gal. 3049S, 10 HP Lightnin 1,000 Gal. 3048S, 250/80 pai

1,000 Gal. 31688, 50/75 pel jkt

750 Gal. 3168S, 75 & FV/50 pai 750 Gal. 3048S, 50/60 pai

600 Gal. 31689, 3000pal. 10 HP

600 Gal. SS, 50 psl, 1.5 HP XP

100 Gal. 31668, 15/50 psi

500 Gal. 316SS, 55 & FV/55 pal

100 Gal. 316ELC SS, 500/90 psi

4

3.1

TANKS ETC.

BIG OR TOO SMALL.

HANDLE GLASS.

Glass Lined

Stainless Steel

FV int., 50 psi jkt.

PLANTS.

4.5 Gal, Kneader Master Cont., SS w/kt.
5 Gal, AMK 30488 Jcktd. Kneader Extruder
15 Gal. W.C. Readco Sigma Blade Dbl. arm
25 gal. Readco DBL/Arm Sigma Blade jktd. SS
construction 15 H.P.
80 Gal. Hockmeyer Pony, 88 contacts, 7.5 HP

80 Gal. Hockmeyer Pony, 88 contacts, 7.5 HP variapsed
100 Gal., 88, 8igma Blade, Jcktd. 40 HP 500 liter Welex hi Intensity, 88 contact parts 200 gal. W-P CS dble arm Sigma blade, 20 HP 250 gal. AMK Kneader Extruder, 8igma Blades, CS construc, 40 pelg,trough jkt. 600 Gal. S-W Rubber Cement, CS, 2-10 HP motors (2) Liqueed 1000 Gal. Sanitary 316SS B-K Obl. Motion Change Can; 100AFV/165 PSI, 125HP Littleford Model FKM-600S, 88 Littleford Model FKM-600S, 88 Littleford Model FKM-2000, 88, w/choppers Littleford Model FKM-2000, 88, w/choppers Protex Henchel 3.5 Cu. Ft. Mdt. 35 J SS, 88 Const. 7 Cu. Ft. 304SS Nauts Model MSX-70 (0.6 Cu. Ft. Nauta D-105, CS. 15 HP Hockmeyer High Speed Disperser Welding Eng. Model 2FV1V2S Twin screw

Eng. Model 2FV1V2S Twin so Extruder, \$8, Contacts, 150 pel

**PLUS LOTS - LOTS MORE** 

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REACTORS

20252-Unused Reactor, 600 gat., 30458 dimole lktd. 10138-Plaudier, 800 gal., T-316 L 88, 55 PSI Int/150 PSI. 20928-Brighton, 4000 gal., 1-316 L. 35, 55 PSI Int/150 PSI. 20928-Brighton, 4000 gal., 8' dia. x 10', 316 ELC 8/8 20456-Reactor, 4,000 gal., 316 S/8, 8' dia. x 7'8' st. side. 15475-Brighton, 4000 gal., 316 S8, viscuum. 20287-GH Hicks, 4000 gal., 316 S8, pipe coli jkt. 20823-Richmid Eng. Reactor, 4600 gat., T316 stain/clad. Pfaudier 10,000 gat. reactors T316L, 100 psi int, 180 psi. Pfaudier 16,000 gat. reactor T316L, 100 psi int., 200 psi jkt TANKS-S/S

21283-Tank, S/S vert., 1200 gal., 6' da.x6', fiet top & bot. 20651-Tank, SS, 9000 gal., egit., 12' da. x 14'6'' H. 20655-Tank, SS, 12000 gal., 12' dia. x 14', flat bottom open top. 17043-Jos Cathorz, tank, 30488, 16,000 gal., 12'8" dia. x

22'91/2" long, 10 PS1

DUST COLLECTORS

18398-Mikra dust collector, S/S, 63 sq. 11., mdl, 9-6-100 21153-EVO, bin vent, 72 sq. ft., 8/S, 5 HP

20253-Linused EVO pulse jet collector, mdl. 84BF009C, 90 21 192-JH Day mdi. RJ-18AJ36, 126 sq. ft., CS, 3 HP. 21222-Febri-Jet, mol. SQ16-80, 161 sq. ft. 20398 Pulse jet collector, "FlexRicen," mdl. 58CT24 AV II w/175 sq. ft., cloth, C.S.

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99BF030C, 350 sq. ft. 20255-Unised EVO Corp. dust collector, shaker type, mdl. MS049C10,575 sq. ft.

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DRYER-ROTARY VAC. 19844-Beithlehem Porcupine Processor/Polyester Chip Crystallizer 30" dla. x 18' long, T304 SS, jkt, 20 HP (6).

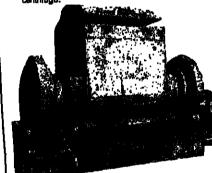
FILTER PRESSES

19846-Shriver P&F filter press, 12"x12" alum. plates, closed delivery, 23 chambers. 20534-Sperry Filter Press, 30", alumn. 20539-Sperry filter press 30", 35 Aluminum plates, 357 sq. 15370-Sirriver 32" x 32", polypropylene, 27 plates, ratchet

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19446-Sharples Sludge-Pak, SP-5500, 40"x24" baske



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21120-Ribbon Blender, S/S, 10 cu. ft., jkt. 98, 150 psl. 20276-Read ribbon blender, 14.7 cu. ft. 30488, 3 HP. 20816-Unused Day, 31688, 23 cu. ft., 5HP. 20189-Robinson, 25 cu. ft., 5/S, jacket, 10 HP. 20985-Int'l 34 cu. ft. S/S dbl. ribbon, 5 HP. (4) 20212-Haas ribbon, 36 cu. ft., S/S, 15 FIP. 9268-Filbbon Mix 80 cu. ft. T304 SS, 5 HP (4)

19586-Howe, 115 cu, ft., santiary 8/8, double spiral ribbon. 20983-Strong Scott blender, 130 cu; ft., 30488, 26 XP gest motor. 21124-Ribbon Blander, 304SS kit., 180 cu, ft., 30 HP. 20814-Unused, H Day ribbon, S/S 270 cu, ft.; 25 HP. 31114-All Day ribbon blander, 3/3 ciect, // 5/HP. 480 cu, ft.

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21228-Bins, 304188, 1300 CF/9700 gai., 11'8", 8/S. (2)
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21634-Biower, Roots Rotary Lobe, In. 4.FTB 3505J, 5 HP, unitized, silencers. (6)
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HP, unitized.
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21278-Bprout Waldron affer, 010, gyro who i HP5 deta

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MATER-150 (100 BINGM-Peaco 160 gal., all SS, Groen (28)

DERBOURL SS, STOUM, M. 150 pal. mixer, Groen w/condensor

TILLS-05, Bot. bs. Autocleaves-Stokes (3)

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PK 2 cu.ft. SS Twin Shell Readco 5 gal. SS dbnl.arm |kt vac. 5 HP 160 cu.ft. Young dbl rib STL |kt. 30 H.P. 300 gal. J.H. Day Pony Mixer Steel w/can J.H. Day 300 Gal. S/S dbl. arm tilt

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P/K 10, cu.ft. 88 Tw/\$h. w/Llq-Sol bar Readco 300 gal. S/S dbl. arm 60 HP

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TANKS/REACTORS 29,000 GAL. HORIZ. 316SS Tanks 40# (2) 20,000 GAL: NOME: 1655 1865 40** (2) 300 GAL: T-316 SS REACTOR: 30 78/8 JKT. w/AGIT. 12000 Gal: Horiz SS w/Top Agit, DH. Hds. 2800 Gal: 25#/FV-85#/jkt. 16HP 30,50,150 Gal: S/8 Reactors 100#/75# 16,000 gal: 304 SS vert. w/coll & agit.

MISC. SPECIALS

PK 75 cu. ft. S/S TW/SH mixer w/bar 300 HP SUPERIOR PACKAGE BOILER 150 #2 OII 15 HP, 30 HP, Agit Drives, variable 25-100 RPM SIMPSON 1½F, 3F, 9/S MIX MULLERS -6'6"x 78' Autoclave 150# w/track QOD FITZ Mills 9/S D, D12, FAS012 & Chilsonators 7'x(any length) AUTOCLAVES 100# Code W/Track -100-10,000 eq.ft. Ht./Exchr's 8/S & C/S 150 cu. ft. P/K Twin Shell sti. 10 HP LOUISVILLE 8x45 SS Rot. Hot Air-Steam -100-10,000 gal. G/L. Tanks & Reactors BOWEN 4'6" No.2 TOWER SPRAY DRYER S/S GAS HOZZLE DAY 52 cu. ft. 8/8 NAUTA MIXER MB-520 Spray Dryer, Bowen 30" lab, Niro 48" utility S/S DAY 100 gal. S/S dbl. arm sigma jkt. vac.

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Stansteel 8x50 Rot Hot Air Dryer w/Burner, C/S
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2000 gal. Pfaudler G/L reactor w/agit.
Bird 40x60 318 3/S Cent. 114:1 100 HP
Feinc. 5"x7" 3/S Rot Vac illter
150 cu. H. Muraco Mixer S/S light 150 cu. ft. Munson Mixer S/S iktd. 150 cc. 1f. Munson Mixer's /s [ktd. 12,000 gal Frp Vert. Tanks (2) 1000 gal. Pfaulder G/L reactor 75# /75# w/aglt. Bird 18x28 S/S Contour Bowl Centrifuge P/8 6* x 45* SS CONEVER DRYER 22,500 Gal. Tank/Silo 88 Vert 12 ft. x 24ft.

**PURCHASED** liagera 24 eq. it. Press, leaf filter S/S Niagere 24 sq. it. Press, leaf filter S/S
200 gat. 3/S reactor 150#/150# w/egit.
200 gat SS vectum receiver
Foremost HD-6 Granulators 14x18 (3)
108", 80" 54", 41", 32", extrusion sheet lines
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Six (6) Fitzpatrick Comminuters, DAS06, with screw feed, new 1974 to 1983. PROBART V 1910 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) 9 (1) NOTE: This equipment still installed and running in major cosmetto factory. Deliveries will be made beginning September 1986.

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2 gal. Pfaudier, 760 pal/FV, 700 psi jkt.
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1,500 gal. Pfaudier, 100 pal/vac., 90 pal jkt., 15 HP agit.
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Bird 32x50, 316 SS centrifuges, 80: 1 (2) 323 CFM Worth 4 8B-2 Air Comp., 125 pel 75 HP

24" Conair Pelletizers, mdl. 1024, 40 HP (2) 5"x25" SS Rotary Hot Air Dryers, 10 HP, (3) 6" Welex Extruder, 400 HP, 30/1 L/D 8" Welex Extruder, 700 HP, 30/1 L/D (3)

352 SF Sparkler, VR-32-32, 75# Steel (2) 1500 gal. Plaud. Reactor, 316 L SS, FV/180 pel, 5 10,000 gal. Plaud. 3161. Reactor, 160/FV/180 psi, 60 HP (4) 15,000 gal, Pfeud. Reactor, 316L SS, 100/FV/200 psi, 100 HP (3) 98 cu. ft. SS Rebon Blender, 5 HP (3)

25 CULTI. 35 H0001 Blefflow, 5 Rt (5) 60" Keson Screen, SS, 1-Deck 4800 gal. Horiz. R/L Tank, 15 pal, 6'x21' 12,000 gal. Brighton 316 SS Tank, 12x14, 20 HP agit. (2) 17,000 gal. 316 SS Tank, 13 da. x 13 ft. High, 20 HP agit. PHONE (609) 267-1600



BLAW Knox 6'4"x 40' 88 vac. dryer, 600 cu. ft. Blaw Knox 36"x 20" vac. dryer 316L 86, 72 cu. ft. Blaw Knox 66"x 36' vac. dryer, nickel Mathis ". : x48" flaker, chrome plated Sandvik d"x24" 85 belt flaker, UNUSED Sarguit 60" x 45' 89 conveyor dryer Slokes 8" x 11" drum flaker Blaw Knox 32" x 90" dbl. drum Buflovak 42" x 120" dbl. drum, 160 psi Aerometic #ST-6 fluid bed dryer, 5/10 KG Witte 38" x 10' fluid bed, 88, sanft.-cooler Stokes 36 sq. fl. Lyophilizer freeze-dryer Renneberg 36" x 20" rotary dryer, 316 88 Renneberg 5'x 25' 30488 rot, hot air dryers, w/cyclone, e 96" x 50" Louisville SS rotary dryer 10' x 100' GATX rot. steam tube dryers, 140 psl (4) Wysemont #VTL-24 Turbo-tray dryer, 304SS 2-K 5 cu. ft. vac. dryer, 30455 P-K 20 cu. ft. vac. dryer, 304L 88 (2) Abbe 30 cu. ft. 30458 vac. dryer Devine 110 cu. fl. 304 88 vac. dryer Pfaudier 165 cu. ff. glass-efeel vac. dryere (2) Abbe 325 cu. ft. 31688 vac. dryer Devine 370 cu. ft. 31658 vac. dryer Devine 564 sq. ft. vac. shelf dryer Miro 30" 88 spray dryer Turbulaire 48" x 7' soray dryer Bowen 72" spray dryer, SS Bowen 96" spray dryer, 88

FILTERS-VACUUM 36"x11 Dorr-Oliver, fiber glass 9 sq. ft. 36"x11 Dorr-Oliver, fiber glass 9 sq. ft.
36" x 1' Ametek, 316 SS, 9 sq. ft.
40" x 3' Bird-Young, SS, 48 sq. ft.
4' x 16' Eimco, 316SS, 64 sq. ft., horiz.
6' x 3' Ametek, SS, 55 sq. ft.
6' x 4' Eimco, "Eimcornet" polypropylene, UNUSED
6'x6"x 14"-9" Passayant 200 belt press, 250 sq. ft., 1962 (4)
8' x 8' Eimco, SS, 200 sq. ft., precost
8' x 10' Dorr-Oliver, 250 sq. ft., 316SS, precost
8' x 12' Eimco, 316SS, precost, 300 sq. ft., (3)
8' x 14' Dorr-Oliver, 316SS, precost, 350 sq. ft. (2)
10' x 10' Eimco, 316SS, precost, 314 sq. ft. 11'6"x 16' Elmco, SS contacts 12' x 12' Impco, 304 SS, 450 sq.·ft.

12' x 14' Komiline, 304SS, 526 sq. ft., flexibelt disch. (2) 45' die. Elmco tifting pan. vac. filter, 316 SS PILTERS PRESSURE 140 eq. ft. Niegera # 36-140 316 96 (2) 12 eq. ft. Amatek/Niegera #12, S6 54 eq. ft. Funda, 88, jktd. 64 sq. ft. Funds, SS, jato. 65 sq. ft. Artisan "Dynamic" filter/washer, SS (2) 600 sq. ft. U.S. Autojet, 316SS, sanit. 1000 sq. ft. U.S. Autojet #1000, 304SS 12" Horman filter press, 21 plates, SS, sanit. 30" Sperry filter press, 21 passes, 55, 5831.
30" Sperry filter press, 546 sq. ft., hydraulic
42" Shriver litter press, 777 sq. ft., hydraulic
48" Shriver ALP recessed filter press, 38, 276 sq. ft.
48" Clow, polypropylene recessed, 1500 sq. ft.

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.Mikro #5MA atomizer, 5 HP Mikro #5MA atomizer, 53 Pallman #REF8 pulv., 100 HP Pallman #PP6 pulv., 50/75 HP

Abbe porcelain pebble mills... 36"x42", 36"x48", 42"x60", 48"x60", 60"x48" (7) Raymond 50" 5-roller hi-aide mill, 1981, UNUSED Raymond #6058 Hi-aide roller mills, dbl. whizzer (2) Raymond #73612 Hi-aide roller mill, dbl. whizzer

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5-Cleveland 120 cu. ft ribbon blenders, 60 HP
5-50' C/C steel bucket elevators
5-Kleissier bag type dust collectore
2-Box Filting Lines/150, 120 Boxes/Min.
1-J.H.Day 200 get sigma blade mixer, jktd., 40 HP
2-Moyno Pump # IL88Q, 5HP,
2-Moyno Pump # IL88Q, 5HP,
2-FMC-Stokes form, fill & seet units

2-Eriez #82B vibratory feeder, 88, 60"x 18"x : UNUSED 2-Toledo digital electronic scales: 600#, 2500# cap. 1-Fairbanks 2008 electronic scale 1-Hasser volumetric powder carton filler. 2-Standard-Knapp case gluers 1-Harcules drum mixer 1-200 gal. 85 tarik, jkt. å agit.



Over (50) Bird & Sharples decanters

CENTRIFUGES

Sharples P-3400 D-Canter, 31638, Carble tiee, late (2)
Sharples P-3400 D-canter, 31638, tiles (2)
Sharples P-3600 D-canter, 31638, back drive
Bird 12" x 30", 31639, Decanter, 20 HP
Bird 18" x 28", 31659, Decanter (3)
Bird 18" x 42" Decanter, steel, 10/30
Bird 24" x 38" Decanter, 31639, contour 10
Bird 24" x 38" Decanter, 31639, contour (3)
Bird 24" x 58" Decanter, 31639, contour (3) Bird 24" x 60" Decenter, steel Bird 24" x 66" Decenter, 58, 125 HP Bird 24"x 96" decanter, 304SS, carbide

UNUSED (3)
Bird 32" x 50" Decanter, Monel, contour (2)
Bird 32" x 50" Decanter, 30486, contour
DeLaval NX214-31B Decanter, 30488, 20 HP (2) DeLaval NX214-31B Decanter, 304SS, 20 HP (2)
Sharptes AS:16V "Super," SS (5)
Sharptes AS:26V "Super," SS
DeLaval BRPX-213-30, 316SS separator/desiudgers (3)
Westfalls SAMN15037, Decludger/Separator, 316SS
Westfalls SAM-35-076 3-way separator, 316SS
Krupp 10" pusher, 316SS, 15 HP
Baker-Perkins 19" pusher, 304SS, 40 HP
Sharptes 48" T-1600 auto-basket, 100 HP
Tolhurst 48" Batchmaster, rubber lined, 30 HP
Sharptes 48" Tornado-Mailo, SS, 25 HP
Delaval 48" Mark 111, 316SS hyd.
CENTRIFUGE PARTS... Sharptes, Bird, DeLaval, etc.

EVAPORATORS

2.4 sq. ft. Rodney-Hunt SS, 3 HP
21 sq. ft. Rodney-Hunt Turbafilm #4, SS
87 sq. ft. Rodney-Hunt, 304 SS, Turbafilm
100 sq. ft. Pfaudier, 318L SS, wiped film
600 sq. ft. Goslin-Birmingham dbl. effect, SS
884 sq. ft. Buflovak dbl. effect, SS

1415 sq. ft. Yulcan, 3165S 1688 sq. ft. Roger dbl. effect, SS Swenson 316SS continuous crystallizer, S'' x 14'

TANKS & VESTELS

MIXERS, BLENDERS

20 cu. ft. P-K twin shell 88
35 cu. ft. Day Nauta, #NBX350, S9
60 cu. ft. Gemco, TW SH, Sanit, 88
69 cu. ft. Patterson dbl. cone, S8
70 cu. ft. Day Nauta, #NB700, 10 HP
75 cu. ft. Day Nauta, 88, jktd.
75 cu. ft. Day Nauta, 88, jktd.
76 cu. ft. Day Nauta, 88, jktd.
110 cu. ft. J.H. Day, dbl. rbbon, 31688
120 cu. ft. Cleveland ribbon blenders (5)
169 cu. ft. Plaudler, dbl. cone, glass steel jktd., vacuum
200 cu. ft. Young, ribbon, S8
316 cu. ft. Sprout-Waldron ribbon blender, 88, jktd.

(6) Nooter 4'x 14' 316 SS rot, yac. dryers, 1982, NEW

11.5 cu. ft. Henschel #115JSS, 92/46 HP 13.7 cu. ft. Lodige #W600/K1200, mix/cool comb.

16 cu. ft. Strong-Scott 30456 ribbon blender (3) 20 cu. ft. P-K twin shell 85

30,000 gal., 304SS, 14' x 24', colle, 200 HP agit. (4)

30,000 gal. steel propane tanks, horiz. 250 pel (5) 20,000 gal., 3048S, 12' x 24' (2) 17,000 gal., 3048S, 11' x 24' (3 17,000 gal., 316L8S, 14'x 13', Agit. (2)

12,000 gal., 316LSS, 12'x 14', Agit. (6

10,500 gal., 316t. 85, 8' x 25', x9it. (5 10,400 gal., 30488, 10'6' x 16', egit. 8,000 gal., 30488, 10'6' x 12' 5,000 gal., 30488, 9'x9', 26 HP agit.

3,500 gal., 304SS, 8'x9' 3,000 gal., 304SS, 7'x 10', agit.

3.6 cu. ft. Henschel #FM15D, 17/20 KW

DRYERS, Nooter 4' x 14' rotary vac. dryer,3個 SS shell and jacket, incolor ribbon at ASME 100 psi/FV int. & jacket. 100 HP psi aged Reliance drive with freq. convert

> EEDERS, Acrison gravimetric weigh feeds Model 403-15,000-3,000-BDF-4, 304 contacts, Model BDF-4 volumetric ledit, Size "R" metering, auger and disc. cylinds, etc., etc... all SS contacts

NEW & UNUSED

heat sealed closer, etc.

2900 RPM bowl speed (3)

PROCESS EQUIP., 1982.

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BAG PACKER, Howe-Richardson #0-8-17

semi-automatic bagging system 83 contra

BINS, 304L SS contacts, 1300 cu. ft./9720 at

CENTRIFUGE, Bird 24" x 96", 30485, Model

solid bowi continuous, 10 deg. contour bom Tungsten carbide tiles on conveyor, 160 P

CHLORINATION SYSTEM, Wallace & Tienta

COLUMN, 46" dia. x 15'9", 30499 with

columns, designed for agitation (2) CYCLONE, DuCon Model 700/175 30488 hb

efficiency cyclones, size 210, Type VM(6)

#V800 floor mounted modular chlor

11'6" x 11'6" x 18" high, steel reinforced(2)

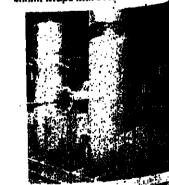
FURNACE, C-E Air Co. "Cor-Pak" thermoor dizers, direct gas fired 8'x2" W x 79" Hz 12'6" L (4)

MIXER, Air mix blender system, Koppers-Sprut Waldron #36–50, 500 cu. ft., 30485, 8 1 19'10" w/483 sq. ft. dust collector (2) MIXERS, Webb, 59" W x 15'L twin shaft padde mixers or pug milis, 30489 contacts, (2) PACKAGING SYSTEM, design to 畑 bags, pi

letize, shrink wrap, etc. automated system PULVERIZERS, Mikro #4TH pulverizers, 12519 drive, (15) PULVERIZERS, Mikro #4MP pulverizers, 125 F drive (6)

PULVERIZERS, Mikro #1SCB, 7½ HP, white lock & 30488 disc. chute UMPS, Able #H18-57-45 triplex pure, N GPM @ 1500 psi, 50 HP PUMPS, Peabody #14D0H-2 cooling total pumps, 2000 GPM at 140' head, 100 H SHRINK WRAPPERS, CTX Prod. #P\$SYGM

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#### EQUIPMENT OFFERED

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30 Gallon and 55 Gallon Stainless Steel Drums. Cell 312/ 373-0800 for information and prices.

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ment Facility—For Sale Immediate occupancy — 45 miles east of Knowylle, TN in the Smokles — 20,000 sq. ft. of offices, labs, plot plant, and auxiliary buildings on 30 scres. Writs or call: BDC, P.O. Box 901, Midothian, VA 23113. (804) 272-2893.

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Chemical Sales aggressive chemical distributor currently has high potential sales position available in northern N.I. Minimum. 2-3 yrs. chemical sales experience with good customer following, famillarity with reagent and technical sales required. We offer competitive compensation-terrific opportunity. Send resume to Box CMR-721.

Marketing Representative/Manager needed by a chemical Import & distributing company to develop various industrial chemicals, solvents, monomers, etc. in Westcoast markets. Individual with minimum two successful years in the field. Related academic background, innovative and persistent personalities are necessary. Send redume to 520 S. Et Camino Real; Suits 600, Sen Maleo, CA 94402.

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#### **POSITIONS OFFERED**

#### Exceptional individual with chem degree and minimum 5 years plastics resins sales/marketing experience to ex-pand U.S. sales of resins from Houston office of leading foreign producer. Retirees considered. Send resume/ salary expectations to Box CMR-724.

"Sales manager position offered to the right person knowledgeable in sales of Carbomer Realns 2-5 years sales experience essential. Position requires 10-40 per-cent travel (Eastcoast). We offer salary and commission on your sales. Please submit a full resume of job history and qualifications to Box CMR-722."

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Well established Dutch International distributing com-pany seeking additional product lines from USA producers pany seeking accinional product lines in the data products for direct distribution to end-users throughout Europe, of raw materials for the veterinary, pharmaceutical, feed and lood industries. Please reply to CMR-Box 725.

#### **COATINGS & PLASTICS**

Continued from Page 35

Chem In has increased prices for its line of titanium dioxide products, effective October

The firm, the sole domestic distributor of French-origin anatase slurry grade TiO2 produced by Rhone-Poulenc Inc., will raise rices for its APS grade to 78c. per pound, ar ncrease of 4c. Discounts will be eliminated. a company spokesman says, and costs for smaller truckload volumes will entail an ad-

ditional freight differential. National Lead's increase, described by a source as successful despite the fact that domestic producers did not immediately join raised prices by 6c. per pound, effective July l, bringing rutile grades to 84c. per pound

and anatase grades to 79c. per pound. SCM Corporation moved its anatase grades up 4c. per pound to 78c. per pound,

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(314) 645-6600 Edite Opportunity Employee effective October 1, and its rutile grades up 3c. per pound to 81c. to 83c. per pound.

Du Pont raised rutile prices by 2c. per pound, to 80c. per pound, effective October 1, and anatase prices by 3c. per pound to 77c. per pound. (Since the firm does not manufacture a pure anatase grade, but offers a blend of rutile-anatase, the cost for this blend was Included under the heading "anatase").

At the close of the week, Kerr-McGee said it would raise prices 2c. per pound, effecilve October 1. Current price is 78c. per

#### PLASTICS ADDITIVES

CALCIUM CARBONATE — ICI Americas Inc. has recently introduced two new grades of "Winofil" high-performance fillers for use in PVC plastisol systems, polyurethanes, silicone and polysulfide sealants, and epoxy sealants and adhesives.

These new additions to the firm's "Winnofil" line of ultrafine precipitated coated calcium carbonates are said to offer improved processing and higher impact strength in rigid PVC, to enhance rheological control in PVC plastisols and to improve flow properties in scalants.

As product manager, Ralph T. Grizzel, exlains, "the addition of these two new grades will provide our customers with a family of erformace fillers which provide numerous lternatives to current thixotropes and

East and Gulf Coast, Great Lakes and West Coast freight prices for "Winnofil" SPM will be \$29.25, \$30.25 and \$33.25 per container, espectively. Equivalent prices for "Winnofil" SPT are \$31.25, \$32.25 and \$35.25 per

full container (19.2 kilogram quantities). Other producers and distributors of calcium carbonate fillers report that prices for these products have been stable for the past

ORGANIC PEROXIDES - A previous article on organic peroxides (CMR, 8/18/86, pg. 29), contained errors in fact. There are five basic producers of methyl ethyl ketone per-

oxide and benzoyl peroxide, not six as we reported. Reichhold Chemicals, Inc., described as a "supplier" of MEK peroxide. does not produce organic peroxides but the tributes material produced by other firm

In regard to operations of Lucidol, toge week shutdown occurred at the company.
Geneseo, N.Y. plant, rather than at the limit
Buffalo facility. The Geneseo plant is up and running now. Lucidol does not produce pern vdicarbonates at its Fort Erie, Odina Canada, plant as was stated.

An increase in dry benzoyl peroxide a Catalyst Resources, Inc., effective in the was erroneously attributed to US Peronga The latter does not make the dry protect Lucidol, the only producer other than Caslyst Resources to make dry benzoyl permit has gone along with the advance. Romen, "wet" product, which is the volume marks has not been increased.

Lucidol is increasing selling prices for its lines of dry benzoyl peroxide and activityoxide products, effective October 1. Prim for these products have not been changely approximately two years.

Prices for quantities of its one pound me ages of "Lucidol" 98 (dry benzoyl penny will be as follows: \$5.15 per pound for ab ments of 50 1-pound packages per case at \$5.20 per pound for shipments of 251-poul packages per case.

Prices for its line of acetyl peroxide pro ucts also in 5,000 pound quantities) will be \$6.60 per pound for 35 1-pound packages case and \$7.10 per pound for 25 1-pound by tles per case.

Prices for benzoyl peroxide have been to pressed for some time. The price increase represents a step toward recovering is margins.

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#### **ADVERTISERS' INDEX**

A-1 Chemical Equipment Co	I.Pl.Cl27
A-1 Chemical & Dyestuffa, inc	Kalser Chemical31
Askash Chimucal & Dyostolia, 1	Kali Chemie Corp
	Volta Machinery Ocean
Agro Chemical	Keith Machinery Corp
Agro Chemical	E.B. Knight22
	KNOII FINE Chemicals, Inc
	Loeb Equipment Supply Co
Anar Chemical Co	Machinery & Equipment51
	Madison Equipment Co., Inc
	McIntyre Chemical Co
	J. Little Mercer51
	Miles I should be to the
	Miles Laboratories, inc
TATALON TO THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR	Montedison USA, Inc
Blesterfeld US Inc	NADO Chamicala, inc
Browning Chemical	Organics Technologies, Inc
Coff Chemie North American, Inc	PMC Specialties Group, Inc
COL CHEWIS MOLTH WHISTIGARI' HID:	PMP Fermentation Products, Inc18
CPS Chemical Co56	PPF international28
Cabot Corp32	PQ Corporation34
Assus Chambool Co	Puro Corporation
Alam Barles	PVO29
Chamical Dynamics Corp	Perry Equipment Co., Inc
case National Chemicals	Geo. Pfau's Sons Co., inc
Innerts & Exported Corp	Pfizer Inc
Author Mitrole Sales Corp.	Pharmachem Laboratories1
Clearing Container Inc29	Poly-Organix, Inc14
Church & Dwight Co., Inc	Prior Chemical Corporation1
Concord Chemical Co., Inc56	Proses Products25
Brisgor, Inc	Paula Chamballa
Deepwater Chemical Go., Ltd	Raylo Chemicals24
Debasel Cuamical co., Fro	R.I.T.A. Corporation21
Deguesa Corp	Ritchem Corp35
Deame Chemical Corp	Roquette Corp27
Geventring49	H.M. Royal Inc
Ower Chemical Corp35	Ruetgers-Nease14
Eli Industries	SRS, Inc
Essex Chemical Corp	SST Corporation
Frilek Chemical	Sheffield Producte22
Federal Equipment	Shell Chemical Company18
Floresynth Inc	
Stanley M. Friedman, Inc	Werner G. Smith, Inc
Gallerd-Schlesinger Corp	Standard Chlorine Chemical Co., Inc
Gallard-Schlesinger Corp. (Akzo Chamle)24	Stuart-Equipment Co49
Ganes Chemicals, Inc	Takeda Fallek Sales, Inc10
General Chemical	Texaco Chemical Co15
Gluini Corp	Thompson-Hayward Chemical Co 1
Crain Descendent Comp	Union Camp Corp56
Grain Processing Corp16 Grant Chamical Division,	Union Carbide17
	Union Standard Equipment
Ferro Corporation	Upjohn Co
Greell, R.W. & Co., Inc	
H&P Equipment Co., Inc	U.S. Borax & Chemical Corporation1
Hack Co	U.S. Industrial Chemical Co., Div. National
/ Marbon Intl. Ing	Distiliers & Chemical Corp1
L Home New York Cham. Corp	Universal Process Equipment Inc46
Noechel	Videx Machinery Corp49
Hoffmann-LaRoche, Inc	Virginia Chemicals Inc1
Holiza Chem, Inc	Wainath Power Equipment Co49
Humphrey Chemical Co	Wego Chemical & Minoral Corp
Industrial Raw Materials Corp	Witco Corporation12,C.D.E.F.
International Dismantiling	White Chemical Corporation12,0.0.2.7
A Marking Districting	
& Mechinery Corp	White Cross Laboratories, Inc

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you meet the requirements and are interested, please forward your resume, on confidence are chemicals n confidence, to Mr. Jal Singh, Vice President Marketing, BP Chemicals Americas Inc., 411 Theodore Fremd Avenue, Rye, N.Y. 10580, (914) 921-

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Continued from Page 45 MONOETHYLENE GLYCOL Shell Intl 1 bks (9,248 Rbs) (Maurenger) Jubail, 7/29

MONOSODIUM GLUTAMATE Alinomoto 1,560 bgs (395,506 lbs) (Itanage) Santos, 7/28.

3,240 mix (231,046 lbs) (Bacol Santos) Santos, 7/31.

5,250 bgs (265,974 lbs) (Ever Olfted) Le Havre, 8/1.

Scanfreight 800 bgs (40,124 lbs) (Ming Gelaxy) Busan,

8/1.

8/1.

Welchuan 112 pkg (72,501 lbs) (American Californ)

Kaohslung, 7/28.

N BUTYL ISOCYANATE Janel Intl Fwdrs 32 dma (14,603 ibs) (TFL Franklin) Rotterdam, 7/28.
PARA HYDROXYDIPHENYLZMINE Order 2 dma (979 lbs) (Ming Galaxy) Yokohamna, 8/1. PARA PHENYLPHENOL Order 31 bgs (1,422 lbs) (Leise

Maerak) Tokyo, 7/31. PARA TERTIARY BUTYLBENZOIC ACID Order 576 bgs

PARA TERTIÁRY BUTY LBENZOIC ACID Order 576 bgs (32,381 lbs) (Ever Gifted) Artwerp, 8/1.

PARACETAMOL POWDER Order 920 dms (58,819 lbs) (American Caliom) Kobe, 7/28.

PARAFFIN WAX DURA COMMODITIES 16 pt (42,461 lbs) Ever Gifted) Antwerp, 8/1. Order 1,880 bgs (81,748 lbs) (Sea Land Express) Rotterdam, 7/31.

Petrolite 27 ctn (45,329 lbs) (Ever Gifted) Hamburg, 8/1.

PARAFORIMALDEHYDE Colt Chemical 58 bbg (101,842 lbs) (Sea Land Adventur) Algedras, 7/28.

T R America Chemicals 22 bbg (49,714 lbs) (Sea Land Adventur) Algedras, 7/29.

PARATOLUENE SULFONIC ACID Order 900 bgs (40,437 lbs) (Ming Galaxy) Yokohama, 8/1.

ibs) (Ming Galaxy) Yokohama, 8/1. PENTAERYTHRIOTOL Rocochem 700 bgs (39,930 lbs)

PENTAÉRYTHRIOTOL Rocochem 700 bgs (39,930 lbs) (CCNI Austral) Valparaiso, 87.5 Degussa 881 bgs (44,438 lbs) (Koin Express) Bremerhaven. 7/29.

PERCHLORETHYLENE Order 1 bks (1,099.083 lbs) (Shoun Emperor) L Avera, 8/6.

PHENOXY ACETIC ACID Bristol Myers 792 bgs (45,939 lbs) (Wladyslaw Sikorsk) Rotterdam, 8/4

PHENYL METHYL PYRAZOLONE Orlex Chemicals 24 dnis 31 175 lbs (Moin Foress) Remembraya. 7/29

dnis (3.175 lbs) (Koin Express) Bremerhaveri, 7/29.
PHENYL PERI ACID T R Amorica Chemicals 20 dnis (2.403 lbs) (American Californ) Kobe, 7/28.
PHOSPHATE TRISODIQUE CRISTALLISE Rhone Poulenc 340 bgs (38,977 lbs) (Nedlloyd Rotterda) Le Havre, 7/29.

PHOSPHORIC ACID Order of Shipper 1 bks (1,822,715 lbs) (Stoit Tenscity) Rotterdam, 8/3.
PHTHALOCYANINE BLUE Broadland Freight Service 60 bgs (42,999 bs) (Tohbei Mu) Nagoya, 7/28.
PHTHALOCYANINE BLUE CRUDE Dainichlesika Color &

Chemic 1,200 bgs (125,609 ibs) (Ming Galaxy)
Yokohama, 8/1.
PIPERAZINE PHOSPHATE Alitransport 18 dme (6,944 lbs) (Cotombo) Barcelona, 8/7.
POLYESTER RESIN Order 3 con (80,689 lbs) (American Astronau) Sentra 7/31 Astronau) Santos, 7/31. POLYETHYLENE GLYCOL Order 78 dms (39,551 lbs)

POLYETHYLENE GLYCOL Order 78 dms (39,551 fbs)
(Ever Glifsd) Felixstowe, 8/1.

POLYSTYRENE RESIN Negase America 330 ctn (11,640 lbs) (Tohbel Maru) Tokyo, 7/26.

POLYTETRAHYDROFURAN Order 1 tnk (38,462 lbs) (Nediloyd Rotterds) Bremerhaven, 7/29.

1 tnk (39,639 lbs) (Strathconon) Bremerhaven, 7/31.

POLYVINYL ALCOHOL. Perry Chemnical 1,840 bgs (77,695 lbs) (Ever Goods) Keelung, 7/29.

POLYVINYL BUTYRAL Schankers Intl Fwdrs 224 ril (88,643 lbs) (Tohbel Maru) Kobe, 7/26.

POLYVINYL CHLORIDE T R America Chemicals 792 bgs (45,194 lbs) (Atlantic Concert) Gothenburg, 7/28.

POTABSIUM CHLORATE T R America Chemicals 160 ctn (47,267 lbs) (Sea Land Adventur) Algedras, 7/29.

144 ctns (43,947 lbs) (Sea Land Adventur) Algedras, 7/29.

POTASSIUM HYDROXIDE SOLUTION Surrows 12 ctn (344 lbs) (koin Express) Greenock, 7/29. POTABSIUM PENIOILLIN G O Gerisch 657 ctn (34,756 iba) (American Lynx) Feitxetows, 8/7.
POTASSIUM STANNATE Daniel F. Young 11 dms (1,310 tbs) (Atlantic Concert) Liverpool, 7/28.
PVC COMPOUND Dynamit Nobel 18 ctn (45,278 ibs) (Ever Cifted) Antwerp, 8/1.
Roebro Plastics 44 pli (90,388 ibs) (Ever Summit) Fos,

PVC EMULSION RESIN (do Ind 784 bgs (44,074 lbs) (Ziom Imberia) Haffs, 7/27. PVC RESIN Shintach 800 bgs (48,032 lbs) (Ming Galaxy )

RED LAKE CAMINE Cosmos Shpg 1,200 bgs (64,800 lbs) RED LAKE C AMMEC CONTROL SITUS (1) (1) (1) (Ming Galaxy) Busen, 8/1.

ROCHELL 5 BALT USP FINE GRANUL AR Tartario Chemicals 800 bps (41,226 lbs) (E R Brugge) Genos, 7/26.

RUTHNER REGENERATED IRON OXIDE Roa 18 bgs (41,130 lbs) (American Lynx) Rotterdam, 8/7.

8ODIUM AZIDE Universal Transcontinental 14 dms (1,674 lbs) (Tohbel Maru) Kobs, 7/26.

(1,674 lbs) (Tohbel Maru) Kobe, 7/26.

SODIUM BENZOATE American Intil Chamical 572 bgs
(28,600 lbs) (Starfield) Rotterdam, 7/28.

American Intil Chamical 308 bgs (15,400 lbs) (Starfield)
Rotterdam, 7/28. Rotterdam, 7/28. Order 40 bgs (2,240 lbs) (American Californ) Kobe,

7/28.

SODIUM: BICARBONAGE Marubeni. America 880 bos (45,957 lbs) (Bising Bay) Selvador, 7/11.

SODIUM: CARBONYMETHYLCELLULOBE AK Robeco Chemicals 800 sks (46,297 lbs) (Eyer Giffed) Rotter-dam 8/4 Onemicals du sks (40,297 lbs) (Eyer leined) Hotter-dam, 8/1. SODIUM CYANDE Degussa 1,000 dms (217,639 lbs) (Koh Elipress) Bremerhaven, 7/29. Ordar 176 dms (43,043 lbs) (TFL Fflankin) Felixstowe,

7/28,
SODIUM DICHLORO 8 TRIAZINETRIONE Oin 118 dme
(84,079 bis) (Starfield) Fatustowe, 7/28.
236 dms (88,158 ibs) (Aldebaran) Fellostowe, 6/2.
SODIUM DITHIONITE HYDROSULTPHITE Order 160 dme (45,997 bis) (Bakksfoss) Rotterdam, 7/27.
SODIUM FLUORIDE Trans World Ship 700 bgs (38,973 lbs) (Ever Goods) Ossiks, 7/29.

8ODIUM GLUCONATE Prop Fermentation Products 1,600 bgs (80,953 lbs) (Ming Galaxy) Kobs, 8/1.

SODIUM GLUTAMATE Alinomoto 360 dms (38,999 lbs) (Becon Sentos) Sentos, 7/31.

SODIUM HEXAMETAPHOSPHATE Order 16 bgs (35,468 lbs) (American Californ) Kobs, 7/28.

SODIUM HYDROXDE J T Baker Chemical 5 fik (0 lbs) (Atlantic Concert) Gothenburg, 7/28.

SODIUM HYPPHOSPHITE Order 124 dms (41,204 lbs) (Ever Sumribl Fos. 7/50.

(Ever Summit) Fos, 7/30. 8ODIUM METABISULPHITE Browning Chemical 700 bgs (78,704 lbs) (Tadeuez Koscluszk) Bremerhaven, 7/ 29.

SODIUM METABISUL/PHITE ANHYDROUS Branntag In-terchem 780 bgs (43,953 lbs) (Zim Iberla) Barcelone, 7/27.

7/27.
SODIUM PERBORATE Fmo 34 plt (93,696 lbs) (Lica Maerak) Valencia, 7/30.
SODIUM PERBORATE MONOHYDRATE 41 Deguesa 513 bgs (39,042 lbs) (Sea Land Express) Bremerhaven, 7/31.
SODIUM SILICOFLUORIDE Alpac Marketing Service 4 con (279,056 lbs) (Aldebaran) Rotterdam, 8/2.
SILIEAMIC ACID Temperated Total Rep. (23,250 lbs)

SULFAMIC ACID Thorson Chemical 770 bgs (39,350 lbs) (Ming Galaxy) Kobe, 8/1. SULFONIC ACID Order 77 dms (39,553 bs) (Koin Ex-

TARTARIC ACID Tertaric Chemicals 800 bgs (44,974 lbs) (E R Brugge) Genoa, 7/26. Montedison 132 dms (78,863 lbs) (Colombo) Leghorn,

TERTIARY DODECYL MERCAPTAN TDM Order 2 tnk (81,394 lbs) (Starfletd) Rotterdam, 7/28.
TERTIODODECYL POLYSULFURE Order 76 dms (35,521 lbs) (Ever Summit) Fos. 7/30.
TETRACHLORODIFLUOROETHANE DAIFLO Sumitomo of America 1 dms (60 lbs) (Leise Maersk) Kobe.
7/31.

TETRAFLUOROBORIC ACID Crescent Chemicals 2 xs (188 lbs) (Koin Express) Bremsthaven, 7/29.

TETRAHYDROLINALOOL Hanlel Phoenix Transport 29 bri (0 fbs) (Soa Land Express) Bremsthaven, 7/31.

THIONYL CHLORIDE Unitoyal 1 tnk (41,314 lbs) (Starffeld) Rotterdam, 7/28.

THIOXOMEN Order 40 aks (190 lbs) (Ever Gifted) Felixable and Rt.

towe, 8/1. THYME Schill Food Products 180 bgs (19.800 lbs) (Cape Hateras) Valencia, 7/30. W. E. Martin 260 bgs (28,816 lbs) (Cape Hateras) Va

THYME LEAVES Louis Furth 457 bgs (35,274 lbs) (Americana) Valencia, 8/1. 270 sks (29,762 lbs) (Americana) Valencia, 8/1. Mincing Trdg 280 bgs (30,800 lbs) (Colombo) Valencia, 8/7.

8/7.
TIN OXIDE Alba Fwdg 84 dms (23,333 lbs) (Ming Galaxy)
Yokohama, 8/1
TITANIUM COIL Order 7 cs (18,852 lbs) (Barber Tobr)
Yokohams, 7/31
TITANIUM DIOXIDE Huxley Raw Meterial 1,520 bgs
(79,180 lbs) (Tadeusz Kosciuszk) Bremerhaven, 7/

Kemira 760 bgs (39,590 lbs) (Tadeusz Kosciuszk) Bremerhaven, 7/29. Leachaco 114 pii (136,800 lbs) (Koin Express) Antwerp, N L ind 5,800 bgs (290,434 fbs) (Americana Lynx ) N L Ind 5,800 bgs (290,434 lbs) (Americana Lynx )
Rotterdam, 8/7.
Secco Pigments & Solvents 1,600 bgs (80,248 lbs) (Sea
Land Adventur) Algaciras, 7/29.
Huxley Raw Material 7/60: bgs (39,590 lbs) (Wiadyslaw
Sikorsk) Bremerhaven, 8/4.
Kamira 1,520 bgs (79,180 lbs) (Wiadyslaw Silkorsk)
Bremerhaven, 8/4.
NL Ind 5,400 bgs (277,383 lbs) (American Lynx) Rotterdam 8/7.

dam, 8/7. 3,200 bgs (164,904 lbs) (Koln Express) Bremerhaven

800 bgs (103,600 lbs) (Nedloyd Rotterds) Bremer-haven, 7/29. TITANIUM PLATE Nigsho bwsi American 5 cs (55,316 bs) (Barber Toba) Koba, 7/31. TITANIUM STRIP Nisaho iwal American 1 cs (6,071 lbs)

TTANIUM STRIP Niserio Ivial American 1 to (6,071 tos)
(Leise Maerak) Tokyo, 7/51.

DN Luckens 3,200 bgs (63,004 los) (See Land Express)
Rotterdam, 7/31.

Durr Markeling 2,400 bgs (124,508 lbs) (Sea Land Express) Rotterdam, 7/31.

TRIALLYL (SOCYANUFIATE Correno & O Nell Shpg 65 dms (31,956 lbs) (Ming Galaxy) Yokohama, 8/1.

TRIFLUOROACETIC ACID Order 5 ort (7,121 lbs) (Tohbel Mana Tokyo 7/25

Maru) Tokyo, 7/26.

METHYL CYCLODODECATRIENE int Flavors & Fragrances 16 dms (6,773 bs) (American Calliom) Kobe, 7/28.

METHYLHEXAMETHYLENEDIAMINE Nuodex 80 dms (35,538 bs) (Wisdyslaw Sikorsk) Rotterdam.

8/4. TUNG OIL Ind Oil Products 1 bks (880,432 lbs) (Savannah) Buenos Ares, 7/26. TUNGSTEN HEXAFLUORIDE Order 1 otn (37 lbs) (Alder-bersn) Antwerp, 8/2. TURPENTINE Pom 1 bks (37,688 lbs) (Bacol Santos) San-

tos, 7/31.
ULTRAMARINE BLUE Whittaker Clark & Deniels 727 bgs
(40, 889 bs) (American Lynd) Felhatowe, 8/7.
UREA FORMALDEHYDE MOULDING POWDER Order

820 bgs (45194 lbs) (21m lberls) Haifs, 7/27.

UREA HYDROGEN PEROXIDE Autotype 3 pbx (1940 lbs)
(Attentic Concert) Liverpool, 7/28.

Blue Anchor 133 cms (6744 lbs) (Wisdyslaw Sikorek)
Bramethayen, 8/4.

UREA MOULDING COMPOUND Order 82 bin (90388 lbs)

27/20 lbests) Haifs, 7/27. (Zim liberta) Halfa, 7/27. A POWDER Lep Transport 600 bgs (33400 lbs) (Americana) Genoa, 8/1.
UREAL FORMALDEHYDE MOULDING POWDER Tri-

oro Electric 820 bas (46194 ibs) (Zkn ib 7/27. URETHANE RAW MATERIAL Order 72 drns (38267 lbs) (Wladysław Sikorsk) Bremerhaven, 8/4.

VALENCIA ORANGE OIL Herbert Marmorek & Sons 76 drie (32170 lbs) (Zim Iberla) Halla, 7/27 WOOL GREASE J Freis 100 dms (46635 lbs) (Starfield) WOOL GREASE J Freis 100 dms (48636 lbs) (Starfield)
Antwarp, 7/28,
WOOL GREASE TYPE A Joseph H Lowenstein 148 dms
(88867 lbs) (Starfield) Pelixstowe, 7/28,
Nestis 590 dms (65887 lbs) (Aldebersh LeHavre, 8/2,
YERBA MATE HERBS J & G Goertzen Assoc 62 cs (6834
lbs) (Mariscal Jose Fel) Asuncion, 7/88,
ZINC STEARATE Deer Polymer 800 bgs (46383 lbs) (Ever
Summit Legipom, 7/30,
416 sks (37670 lbs) (Ever Summit) Legipom, 7/30,
ZIRCONIUM OXIDE Marubari America 1 dms (143 lbs)
(Tohoel Maru) Kobs, 7/26

TIMADE METALS DESCRIPTIONS

# CHEMICAL PROFILE PLATFORM

#### PHOSPHORIC ACID SEPTEMBER 8, 1986

SUPPLY	
PRODUCER	CAPACITY*
Agrico, Donaldsonville, La., South Pierce, Fla	870
Arcadian, Geismar, La	
Bartow Chemical, Bartow, Fla	414
Beker Industries, Taft, La	525
CF Industries, Plant City, Fla	, 675
Chevron, Rock Springs, Wyo	200
Conserv, Nichols, Fla	200
Farmland, Green Bay, Fla	
Fort Meade Chemical, Fort Meade, Fla	.,470
Freeport, Uncle Sam, La	
Gardinier, Tamba, Fla	
W.R. Grace, Bartow, Fla.	21U
IMC, New Wales, Fla	7,700
Mississippi Chemical, Pascagoula, Miss	220
Mobil, Pasadena, Tex., Depue, III	4 000
Occidental, White Springs, Fla.	000,1
Royster, Mulberry, Fla	200
J.R. Simplot, Pocatello, Idaho.	
Texasguif, Lee Creek, N.C.	
Total	10,688

*Thousands of short tons annually (P₂O₅ basis) of wet process phosphoric acid. Arcadian acquired its facility from Allied in a June 1984 leveraged buyout. Amax idled its 175,000-ton, Piney Point, Fla., facility in January 1985. The company is currently negotiating sale of the plant to FCS Energy. Bartow Chemical and Fort Meade Chemical are joint ventures between US Diversifted Group and W.R. Grace. Beker idled a 315,000-ton facility in Conda, Idaho, in March. The company expanded its Taft plant by 70,000 tons in 1985. Beker is currently in Chapter 11 status. CF industries' 700,000-ton, Bartow, Fla., facility is idle indefinitely. Farmland recently restarted 255,000 tons of capacity and has an additional 319,000 tons of capacity idle at its Green Bay site. Hydrite Chemical's 8,000-ton per year plant will be permanently closed in early 1987. Conserv, a subsidiary of Montedison's Agrimont, was acquired from Intercontinental Development Corporation this year. J.R. Simplot idled a 125.000-ton facility in Helm. Idaho lest year. The company improved its Pocatello facility by 220,000 tons as of January. Chevron closed its 69,000-ton Sait Lake City plant early this year and has recently opened the 200,000-ton Rock Springs, Wyo, unit. Texasguif increased its capacity at Lee Creek by 250,000 tons in January of 1985. High-purity phosphoric acid, produced in a furnace process for primarily non-agricultural purposes is made by the following: FMC, Green River, Wyo., Lawrence, Kens., Newark, Calif., and Cartaret, N.J., 405,000 short tons annualy on a P₂O₅ basis, Monsanto, Kearney, N.J., Augusta, Ga., Long Beach, Calif., St. Louis, Mo., 315,000 short tons; Occidental, Columbia, Tenn., Jeffersonville, Ind. Dallas, Tex., 121,000 short tons; Albright & Wilson, Charleston, S.C., Fernald, Ohio, 53,000 short tons. Profile last published 7/18/83; this revision, 9/8/86.

1985: 10.1 million short tons; 1986: 9.4 million short tons; 1990: 10.9 million

Historical (1976-1985): 3.5 percent per year; future: 1.5 percent per year through 1990 (includes a 7 percent downturn in 1986)

Continued on Page 22

#### **Managing Bhopal**

Following are excerpts of remarks by Warren M. Anderson, chairman of Union Carbide Corporation, at the International Conference on Industrial Crisis Management at New York University, September 5, 1986.

The textbooks tell you to sit tight in a crisis until all the facts are in. The CEO, they suggest, should confine himself to strategizing, and send his emissaries to the scene. And no doubt that's a good approach in some situa-

But in our case, what I regarded as the controlling facts were already known when I left for India. A massive escape of toxic material had occurred at a plant owned by a company with Union Carbide in its name. The consequences of that toxic release were so devastating that something had to be done at

When confronting problems of any size and scope, business people are prone to marshal the skills and resources at their disposal and try to solve them. It's a reflex, and it's one I wouldn't change, whether the problem is across the road or around the world.

And if ever that approach was needed it was in Bhopal. It was essential to act, not to wait for emissaries to verify that what we saw on television and read in the newspapers actually happened. In this situation especially, with all the complications of distance, and the devastation felt by our Indian affiliate, someone had to be on the scene who could act without waiting for the usual approvals. In a major corporation, that means the CEO.

What happened of course was that I was arrested and briefly detained. It's clear that the state authorities had another agenda. And it did not include a partnership with Union Carbide to try and ease the problems.

But if I had it to do it over, God forbid, I would go again because the responsibility to be on the scene in that kind of calamity belongs to the CEO and no one else.

The rejection I met with also manifested itself in other ways - in the constraints on our investigating team, which was not allowed to talk to anyone in the plant, and in the harsh comments by the local presse.

But these problems simply added to the other ones we faced. Let me touch on a few that I think any company must deal with in a

First of all, even when a crisis grabs the attention of the world, and demands the full attention of the CEO and the Board, it's essential to carry on the main business of the

Carbide is a big store to mind. Our agricultural products business accounted for less than six percent of total 1983 sales of ove r \$9 billion. The actual production from Bhopal represented only a fraction of that six percent. But unless people focused on the other

ground to a halt.

To isolate the incident as best we could gave the job of running the business toother while I formed and led a crisis management team composed a people from law, finance and public affairs,

That was done within hours after the new broke. We announced that Bhopal related matters were for that team only, leaving eneryone else free to concentrate on the but ness. It's not a perfect arrangement. Then sis was bound to be a powerful distraction matter what we did, but we let people have that insofar as possible, it was business a usual at Union Carbide. Our people case through, and happily for us, so did our ca-

Another top priority was communicate with the financial community. What the worried about was a management structure suddenly and massively diverted from the work of improving our financial performance to dealing with the crisis.

On top of that, the Johns Manville bankruptcy had left a strong impression of Wall Street. Although our own situation was in no way comparable to Manville's, we could not avoid the comparison.

Our own people were another key costituency for our crisis communication Many could hardly believe that a Carlot facility was involved. The first thing man wanted to know was how they could bell where could they send money to aid their tims. A lot of people sent messages of super to me, and I can tell you they meant all

Our people were also concerned. Whates this mean for Carbide's future? What about their jobs? How about the retirement fuel! And there was the very basic question: What does this say about my employer and los should I feel now about my association will Union Carbide?

But our most immediate concern was the victims in the City of Bhopal and what we needed to do help them. A close second was the need to calm the fears of our neighborsin Carbide plant towns, especially at our MC manufacturing operation at Institute, West

So within 12 hours after we leared about

-We disputched a medical and technical team to Bhopal to arrange for immediate to longer term relief for the victims, to investigate the incident, and to assist with the sale disposal of the remaining MIC supplies at the

-We shut down the MIC operational limit tute, and began converting supplies of MCsi other plants in Georgia, France, and Brail into fluidhed and tracked and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s into finished pesticides. And we recalled the MIC shipments in transit overseas.

—And we also held our first pressoring ence knowing that for many of the detailed press wanted, we would have to say we led

# JOBS & PEOPLE {{{ }}} JOBS & PEOPLE

LP. Fish, who has been appointed vice-presiden and assistant general manager of National Distlers & Chemical Corporation's USI Chemi-

ROBERT KERSCHNER has been named regional sales manager at Chemios Corporation... RUSSELL D. SPAHR has been appoined marketing manager at PMP Fermentation Products Inc... PHILIP A. DUTERME has been named president and chief executive officer of Duphar Nutrition

WILLIAM J. JENKINS has been appointed vice-president of human resources at BASF Corporation's Inmont Division... JOSEPH SCROPPO has been named general manager of InterBio, a division of International Biochemicals Group ... LAURIE BLAIR has been appointed account executive at IPF international Inc., responsible for fragrance

THOMAS W. ARMSTRONG has been named to the newly created position of director of oss control at Airco Industrial Gases and Airco Welding Products, division of BOC

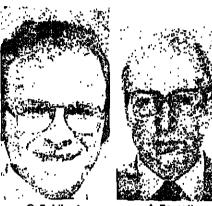


#### **RTZ Chemicals Names Development Managers**

RTZ Chemicals Ltd. has appointed Dr. Chris Sghibartz and Dr. Allen Barnatt business development managers.

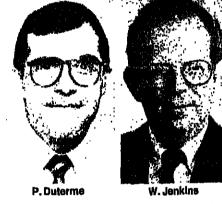
Dr. Sghibartz' research and developmen responsibilities will focus on specialty monomers, organo-metallics and electronic

Dr. Barnatt will focus on the application and development of existing technology, with emphasis on polymers.



Group Inc... JAMES T. GRAHAM has been appointed Midwest district sales manager for the Plating Division of M&T Chemicals

DAVE WESTMAN has been named viceresident and general manager of American Chermoplastics Corporation, a Houstonbased subsidiary of Phillips Petroleum Company... JERRY JARDING has been named



lics Division of Phillips 66 Company... DON SCHULTZ has been appointed pricing and supply director for the Plastics Division and GARY SCHOOLER has been named export sales and supply director of the division.



H. Brech Kauffman, who has been appointed vice-president of marketing and sales at Uni-core Chemical, a chemical distributor in Rolling

NORMAN D. TOMIELLO has joined Diamond Crystal Salt Company as marketing manager for industrial products... PETER R. WARE has joined Sybron Chemicals Inc. as technical representative... RAJ MEHTA has been named program leader, internally coated containers, in the surface-treated products department of Air Products & Chemicals Inc.

KATHERINE M. WILHARM has been appointed senior customer service manager for the Los Angeles area at Unocal Chemicals Division of Unocal Corporation... CHRISTO-PHER L. JENKINS has been named viceresident of chemical trading at ICC Tradng, a wholly-owned subsidiary of ICC dustries Inc... STEPHEN M. TURNER has been appointed a product manager at Norton



#### **Southland Appoints Sales Representatives**

Southland Corporation has named Larry Lefaiver and Larry Bergstrom chemical sales representatives.

Mr. Lefaiver previously held technical and sales positions with Sherwin Williams Chemicals and Viscosity Oil Company.

Mr. Bergstrom was formerly associated with Van Straaten, E.F. Houghton and Nalco



pointed president of Viratek Inc. and vicepresident of ICN Pharmaceuticals Inc... NORMAN J. RUBASII has been named executive vice-president (international) at Amoco Production Company... DR. ROLAND GREENBERG has been appointed scientific director of licensing for E.R. Squibb & Sons

LEROY R. PEEK JR. has been named technical development manager for paper devel-



**BUSINESS BRIEFS** 

opment at National Starch & Chemical Corporation, ALLEN BUCKLER has been appointed district sales supervisor for adhesives, and JEFFREY ATKINSON has been the company's industrial Starch Division.

# MEETINGS CALENDAR



SEPTEMBER 8, 19

#### THIS WEEK

AMERICAN CHEMICAL SOCIETY, 192nd arxuel meet-

CHEMICAL MARKETING RESEARCH ASSOCIATION. world chemical congress, jointly with the chemical marketing and economics division of the American Chemical Society, "The Chemical Industry: Where in the World Is it Going?", Newporter Resort Hotel, New port Beach, Call., September 7-10.

COUNCIL FOR RESPONSIBLE NUTRITION, annual meeting, "Heelth Messages: New Directions and New Opportunities," J.W. Marriott Hotel, Washington, D.C., September 7-10.

#### THIS MONTH

ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS. 100th international meeting and exhibition, The Registry Hotel, Scottsdale, Ariz., September 15-18, CANADIAN CHEMICAL PRODUCERS ASSOCIATION, international symposium on transportation emergen

CHLORINE INSTITUTE, Fall meeting, The Homestead,

Hot Springs, Va., September 21-25.
CONFERENCE BOARD, business outlook conference, dorf-Astoria Hotel, New York, September 24-25. Northwestern University, Evanston, II., Septe

FERTILIZER INSTITUTE, world førtilizer conference "Global Trading Patterns," Hyatt Regency Hotel, San Francisco, Calf., September 14-19.
PULP CHEMICALS ASSOCIATION, 13th International naval atores meeting, Waldorf-Astoria Hotel, New York, September 15-17.
SYNTHETIC ORGANIC CHEMICAL MANUFACTURERS

ASSOCIATION, OSHA compilance trade lair and sem-Iner, Intercontinental Hotel, New Orleans, La., Sep-

WOMEN IN FLAVOR & FRAGRANCE COMMERCE, annual open dinner meeting, Loew's Glenpoints, Tea-

#### OCTOBER

AMERICAN MICROCHEMICAL SOCIETY, eastern analytical symposium, jointly with American Chemical So-

Hillon Hotel, New York, October 20-24.
ASSOCIATION OF THE NON-WOVEN FABRICS INDUS-

ber 21-23. IEMICAL GROUP, NATIONAL ASSOCIATION OF PURCHASING MANAGEMENT, Fall Conference

Marriott Pavillion Hotel, St. Louis, Mo., October 21-23. COMMERCIAL DEVELOPMENT ASSOCIATION, Impact of mergers and acquisitions on the future of technolcorporations, Hershey Hotel, Hershey, Ps.,

EUROPEAN CHEMICAL MARKETING RESEARCH AS-SOCIATION, 1986 conference, "The Chernical Industry Faces Its Future," Switel Eurotei, Antwerp, Belm. October 13-15.

UROPEAN PETROCHEMICAL ASSOCIATION, Annual ating, Monte Carlo, Monaco, September 28-Oglober 1; distribution meeting, October 19-October 22, IRE RETARDANT CHEMICALS ASSOCIATION, Fall conference on proper processing and selection of flame retardants, Klawah Island, S.C., October 19-22.

SOCIETY OF CHEMICAL INDUSTRY, chemical industry medal dinner, Pieza Hotel, New York, October 15.

SOCIETY OF THE PLASTICS INDUSTRY, pasticular and conference — South, jointly with the Society Plastics Engineers, Georgia World Congress (2016). Attente, Ga., October 8-10.

#### LATER ON

CHEMICAL SPECIALTIES MANUFACTURE ATION, seminar on serosol to O'Hare, Rosemont, B., Oolober 27-22 meeting, Marriott's Harbor Beech Res

meeting, Marriott's rustual derdale, Fla., December 7-11. derdale, Fla., December 7-11. FERTILIZER ROUND TABLE, Sheration lines flat. Baltimore, Md., November 17-19. TRAGRANCE MATERIALS ASSOCIATION OF FRAGRANCE MATERIALS UNITED STATES, 10th Intertational pro-sential oils, fragrances and flavors, omit Hotel, headquarters hotel, Washington, D.L.

ber 16-20. ge, 10th International trace felt for plants of Dusseldorf, West Germany, November 5 13 Dusseldorf, West Germany, November 5 13 LATIN AMERICAN PETROCHEMICAL ASSO

#### R PRODUCTS & CHEMICALS INC. has Business Group. Charles L. Benjamin, viceoduced "Dabco" HE and SE high-perthe and SE high-perlegacy new chemistry for use in ethylene the sales. Wayne D. Kuhn, formerly vice-presithrol extended-polyether and ethylene glycolexiended polyether and ethylene glydent of oxygenated fuels, is now vice-presi-

**BUSINESS BRIEFS** 

ASEAN OLEOCHEMICAL Manufacturers Group elected a chairman and board of directors at its first meeting in the Philippines last month. Roy de Vries of Malaysia was elected chairman for 1986-88. In the past decade, Asean has become a major center for producing chemicals from palm oil, coconut oil, palm kernel oil and other natural oils

catelysi improves both research octane catelysi improves both research octane mber and motor octane number of gaso-sty selectively producing naturally high-selectively producing maturally high-selectively maturally high-selectively and olefins while maintain-BETZ PROCESS CHEMICALS INC., Woodlands, Tex., has introduced a high temperature antifoulant for refinery coker furnaces. The antifoulant is a multicomponent solution specifically formulated to inhibit coking respectfically formulated to inhibit coking respecifically formulated to indicate the metal-actions catalyzed by furnace tube metal-actions catalyzed by furnace tube metal-actions catalyzed by furnace tube metal-lurgy at the boundary layer between feed-stock and furnace tubes, Betz says.

M.F. CACHAT COMPANY has changed its location to 1391 West 110 Street, Cleveland. Ohio. Cachat's new facility provides larger warehouse and office space, according to the

nti ponti cumpant u Hon of 7.5 percent notes due 1993. The sevenyear notes will be offered at 99.46 percent to yield 7.6 percent. The notes are callable at par on or after August 15, 1991. Net proceeds from the issue will be used for general corporate purposes, including capital expendi-tures, working capital requirements and acquisitions, and for the reduction of utstanding debt.

EUROPEAN CHEMICAL MARKETING dam, founder chairman of ECMRA, is the

Distinguished Service Award of the American body, CMRA.

GENERAL ELECTRIC Laboratories in Waterford, N.Y., has developed a new solventless, high-purity semiconductor coating which may eliminate many of the application and performance shortcomings of semi-conductor coating materials currently available, according to GE. The new matrial, a single-component system based on patented silicones technology, is suggested for use as a passivating coating for the protection of semiconductor surfaces and related cir-

STAUFFER CHEMICAL COMPANY'S BRsic Chemicals Division is offering food grade quality liquid sulfur dioxide in large quantities and bulk shipments. Certified to meet all Food Chemical Codex requirements, the product will be priced at \$240 per ton in tank trucks or railcars, f.o.b. company producing locations at Hammond, Ind., Baton Rouge,

oline selectivity and conversion, Akzo

th catalysts provide delayed cream time accelerated demold time, or a combina-

ion of both depending on the formulation,

ZO CHEMIE AMERICA has expanded

iction capacity for the "OctaBoost" 615

icalcracking catalyst at its Ketjen Cata-lacility in Pasadena, Tex. The caterack-icalalyst in Pasadena, Tex.

ording to Air Products.

Research Association will present the first Lawrie Waddam's Award to Sumio Takelchi of Mitsubishi Corporation at the ECMRA conference in Antwerp next month. Mr. Wad-

noly non-American to have been awarded the La., and Houston, Tex: The first the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the se

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